MONTGOMERY COUNTY PROJECT DATA SHEETS

PROJECT DATA SHEET

Table 63

Project Name:	Cedar Run and Jenelle Rd. (M-1)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 600 L.F. of 10-inch gravity sewer, 28,800 L.F. of 8-inch gravity sewer, 16,700 L.F. of 8-inch force main, and one (1) sewage pump station.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Cedar Run-tribuary to North Fork Roanoke River
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	135
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$5,115,400	
Present Worth Per Connection:	$38,660	

Table 64

Project Name:	Luster's Gate, Deercroft Dr, St. Andrew's Circle (M-2)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 29,300 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	North Fork Roanoke River, UTs to North Fork Roanoke River
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	185
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,031,890	
Present Worth Per Connection:	$22,010	

PROJECT DATA SHEET

Table 65

Project Name:	Lusters Gate, Plank Dr, Clubhouse Rd (M-3)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 27,800 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	North Fork Roanoke River
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	186
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$3,350,700	
Present Worth Per Connection:	$18,550	

Table 66

Project Name:	Lusters Gate, Woodland Hills (M-4)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 18,900 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	North Fork Roanoke River, UTs to North Fork Roanoke River
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	44
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$2,074,300	
Present Worth Per Connection:	$47,630	

PROJECT DATA SHEET

Table 67

Project Name:	Lusters Gate, Harding Rd (M-5)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 25,200 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UTs to North Fork Roanoke River
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	131
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$2,944,400	
Present Worth Per Connection:	$22,700	

Talbe 68

Project Name:	Indian Run (M-6)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 43,100 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Indian Run-tributary of North Fork Roanoke River
	Impaired =	No
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	128
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,798,600	
Present Worth Per Connection:	$37,870	

PROJECT DATA SHEET

Table 69

Project Name:	Merrimac Phase I (M-7)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 700 L.F. of 10-inch gravity sewer and 32,800 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Slate Branch-trib. to New River
	Impaired =	No
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	320
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Industrial and Residential	
Total Project Cost:	$4,411,700	
Present Worth Per Connection:	$13,910	

Table 70

Project Name:	Merrimac Phase II (M-8)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 31,500 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Slate Branch-trib. to New River
	Impaired =	No
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	296
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,007,200	
Present Worth Per Connection:	$13,660	

PROJECT DATA SHEET

Table 71

Project Name:	Merrimac Phase III (M-9)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 17,700 L.F. of 8-inch gravity sewer, 4,500 L.F. of 2-inch force main, and one (1) grinder pump station.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UT to Wilson Creek
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	89
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Industrial and Residential	
Total Project Cost:	$2,269,300	
Present Worth Per Connection:	$26,160	

Table 72

Project Name:	Merrimac Phase IV (M-10)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 30,400 L.F. of 8-inch gravity sewer, 3,300 L.F. of 2-inch force main, and one (1) grinder pump station.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Stroubles Creek
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	146
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$3,701,300	
Present Worth Per Connection:	$25,850	

PROJECT DATA SHEET

Table 73

Project Name:	Prices Fork (M-11)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 18,600 L.F. of 8-inch gravity sewer, 3,200 L.F. of 4-inch force main, 5,500 L.F. of 2-inch force main, one (1) sewage pump station, and two (2) grinder pump stations.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UT to Stroubles Creek, UT to Tom's Creek
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	125
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$3,015,500	
Present Worth Per Connection:	$25,370	

Table 74

Project Name:	Yellow Sulphur Rd to Town of Christiansburg (M-12)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 14,300 L.F. of 8-inch gravity sewer, 2,700 L.F. of 2-inch force main, and one (1) grinder pump station.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UT to Wilson Creek
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	42
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Industrial and Residential	
Total Project Cost:	$1,755,200	
Present Worth Per Connection:	$43,060	

PROJECT DATA SHEET

Table 75

Project Name:	Peppers Ferry Rd (Rt. 114) - Christiansburg West to Vicker Switch Rd (M-13)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 33,000 L.F. of 8-inch gravity sewer, 16,000 L.F. of 4-inch force main, 6,900 L.F. of 2-inch force main, three (3) sewage pump stations, and one (1) grinder pump station.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UTs to Slate Branch and Crab Creek
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	118
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$2,051,300	
Present Worth Per Connection:	$18,340	

Table 76

Project Name:	Dominion Dr/Crab Creek Rd - South of Peppers Ferry Rd (M-14)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 33,000 L.F. of 8-inch gravity sewer, 16,000 L.F. of 4-inch force main, 6,900 L.F. of 2-inch force main, three (3) sewage pump stations, and one (1) grinder pump station.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UTs to Slate Branch and Crab Creek
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	115
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$3,816,500	
Present Worth Per Connection:	$34,520	

PROJECT DATA SHEET

Table 77

Project Name:	Peppers Ferry Rd (Rt. 114) - Coal Hollow Rd to McCormick Rd (M-15)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 4,900 L.F. of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	UTs to Stroubles Creek
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	26
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$573,900	
Present Worth Per Connection:	$22,290	

Table 78

Project Name:	NW Rt 460 By-Pass - Ellett Rd (M-16)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 18,800 L.F. of 8-inch gravity sewer, 8,500 L.F. of 4-inch force main, 5,000 L.F. of 2-inch force main, one (1) sewage pump station, and one (1) sewage pump stations.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Wilson Creek
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	115
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Industrial and Residential	
Total Project Cost:	$3,094,700	
Present Worth Per Connection:	$28,010	

PROJECT DATA SHEET

Table 79

Project Name:	Radford Rd - Rt. 11 (M-17)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Montgomery County PSA
Responsible Mgmt Entity?	Montgomery County PSA
Existing Water System?	No
Existing Conditions:	The project area is currently not served by a public sewage system.
Proposed Project:	The project consists of approximately 16,800 L.F. of 8-inch gravity sewer, 13,700 L.F. of 4-inch force main, and two (1) sewage pump stations.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = UTs to Crab Creek
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = 71
	Industrial 0
	Commercial = 0
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$3,071,300
Present Worth Per Connection:	$45,330

Table 80

Project Name:	Mud Pike - North of I81 (M-18)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Montgomery County PSA
Responsible Mgmt Entity?	Montgomery County PSA
Existing Water System?	Yes
Existing Conditions:	The project area is currently not served by a public sewage system.
Proposed Project:	The project consists of approximately 33,800 L.F. of 8-inch gravity sewer, 900 L.F. of 6-inch gravity sewer, 13,700 L.F. of 4-inch force main, 1,400 L.F. of 2-inch force main, two (2) sewage pump stations, and one (1) grinder pump station.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = UTs to Crab Creek and Meadow Creek
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = 247
	Industrial 0
	Commercial = 0
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Industrial and Residential
Total Project Cost:	$5,490,300
Present Worth Per Connection:	$23,050

PROJECT DATA SHEET

Table 81

Project Name:	Flanagan Dr / Riner Rd / Life Dr - South of I81 Exit 114 (M-19)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Montgomery County PSA
Responsible Mgmt Entity?	Montgomery County PSA
Existing Water System?	No
Existing Conditions:	The project area is currently not served by a public sewage system.
Proposed Project:	The project consists of approximately 16,400 L.F. of 8-inch gravity sewer, 3,800 L.F. of 4-inch force main, 1,400 L.F. of 2-inch force main, one (1) sewage pump station, and one (1) grinder pump station.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Smith Creek, UTs to Smith Creek
	Impaired = No
	Within Vicinity = No
Equivalent Customers Served:	Residential = 53
	Industrial 0
	Commercial = 0
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Industrial and Residential
Total Project Cost:	$2,432,000
Present Worth Per Connection:	$48,050

Table 82

Project Name:	Riner Phase I - Fairview Church Rd., Riner Rd. North of Union Valley Rd. (M-20)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Montgomery County PSA
Responsible Mgmt Entity?	Montgomery County PSA
Existing Water System?	Yes
Existing Conditions:	The project area is currently not served by a public sewage system.
Proposed Project:	The project consists of approximately 27,400 L.F. of 8-inch gravity sewer, 500 L.F. of 6-inch gravity sewer, 2,400 L.F. of 4-inch force main, and one (1) sewage pump station.
Existing WWTP:	Name = Riner Town -Sewage Treatment Plant
	Design Flow (MGD)= 0.1
	Average Flow = 0.022
	Receiving Stream = Mill Creek
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = UTs to Mill Creek
	Impaired = Yes
	Within Vicinity = Yes
Equivalent Customers Served:	Residential = 149
	Industrial 0
	Commercial = 0
Health Hazard:	Known older homes (>30 yrs.) with septic systems.
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$3,676,800
Present Worth Per Connection:	$25,290

PROJECT DATA SHEET

Table 83

Project Name:	Riner Phase II - Union Valley Rd. to Mill Creek (M-21)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Montgomery County PSA
Responsible Mgmt Entity?	Montgomery County PSA
Existing Water System?	Yes
Existing Conditions:	The project area is currently not served by a public sewage system.
Proposed Project:	The project consists of approximately 17,700 L.F. of 8-inch gravity sewer, 3,700 L.F. of 4-inch force main, 1,500 L.F. of 2-inch force main, one (1) sewage pump station, and one (1) grinder pump station.
Existing WWTP:	Name = Riner Town -Sewage Treatment Plant
	Design Flow (MGD)= 0.1
	Average Flow = 0.022
	Receiving Stream = Mill Creek
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = UTs to Mill Creek, Mill Creek
	Impaired = Yes
	Within Vicinity = Yes
Equivalent Customers Served:	Residential = 126
	Industrial 0
	Commercial = 0
Health Hazard:	Known older homes (>30 yrs.) with septic systems.
Construction Feasibility:	WWTP/Collection System Available
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available X
Growth Potential:	Residential
Total Project Cost:	$2,746,300
Present Worth Per Connection:	$22,270

Table 84

Project Name:	Falling Branch Rd / Craig Mtn. Rd. (M-22)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Montgomery County PSA
Responsible Mgmt Entity?	Montgomery County PSA
Existing Water System?	No
Existing Conditions:	The project area is currently not served by a public sewage system.
Proposed Project:	The project consists of approximately 6,700 L.F. of 8-inch gravity sewer, 1,900 L.F. of 2-inch force main, and one (1) grinder pump station.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Falling Branch and UT-tributaries of Ellott Creek
	Impaired = No
	Within Vicinity = No
Equivalent Customers Served:	Residential = 42
	Industrial 0
	Commercial = 0
Health Hazard:	Documented Septic Failures
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$945,600
Present Worth Per Connection:	$23,540

PROJECT DATA SHEET

Table 85

Project Name:	Shawsville - Buildout Existing Service Area (M-23)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 15,400 L.F. of 8-inch gravity sewer, 700 L.F. of 2-inch force main, and one (1) grinder pump station.	
Existing WWTP:	Name =	Shawsville - Sewage Treatment Plant
	Design Flow (MGD)=	0.2
	Average Flow =	0.053
	Receiving Stream =	South Fork Roanoke River
	Stream Classification =	V
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	South Fork Roanoke River, Spring Branch
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	172
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$2,271,300	
Present Worth Per Connection:	$13,510	

Table 86

Project Name:	Ironto / I81 Exit 128 - Buildout Existing Service Area (M-24)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 14,700 L.F. of 8-inch gravity sewer, 1,200 L.F. of 6-inch gravity sewer, 3,400 L.F. of 2-inch force main, and three (3) grinder pump stations.	
Existing WWTP:	Name =	Elliston-Lafayette WWTP
	Design Flow (MGD)=	0.25
	Average Flow =	0.058
	Receiving Stream =	South Fork Roanoke River
	Stream Classification =	V
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Roanoke River, South & North Forks
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	79
	Industrial	0
	Commercial =	0
Health Hazard:	Documented Septic Failures	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Industrial and Residential	
Total Project Cost:	$2,472,800	
Present Worth Per Connection:	$32,860	

PROJECT DATA SHEET

Table 87

Project Name:	Brush Mountain Phase I (M-25)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 7,600 linear feet of 10-inch gravity sewer, 18,200 linear feet of 8-inch sewer, 5,900 linear feet of 6-inch sewer, 4200 linear feet of 8-inch force main, and one pump station.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Toms Creek, Uts to Toms Creek
	Impaired =	No
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	95
	Industrial	0
	Commercial =	0
Health Hazard:	Known older homes (>30 yrs.) with septic systems.	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,949,000	
Present Worth Per Connection:	$53,120	

Table 88

Project Name:	Brush Mountain Phase II (M-26)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximatley 22,100 linear feet of 8-inch gravity sewer and 1,700 linear feet of 6-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Toms Creek, Uts to Toms Creek
	Impaired =	No
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	60
	Industrial	0
	Commercial =	0
Health Hazard:	Known older homes (>30 yrs.) with septic systems.	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$3,323,400	
Present Worth Per Connection:	$55,840	

PROJECT DATA SHEET

Table 89

Project Name:	Brush Mountain Phase III (M-27)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 19,500 linear feet of 8-inch gravity sewer and 1,500 linear feet of 6-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Toms Creek, Uts to Toms Creek
	Impaired =	No
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	130
	Industrial	0
	Commercial =	0
Health Hazard:	Known older homes (>30 yrs.) with septic systems.	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$3,368,300	
Present Worth Per Connection:	$26,100	

Table 90

Project Name:	Brush Mountain Phase IV (M-28)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximatley 35,300 linear feet of 8-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Toms Creek, Uts to Toms Creek
	Impaired =	No
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	90
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,735,900	
Present Worth Per Connection:	$53,070	

PROJECT DATA SHEET

Table 91

Project Name:	Brush Mountain Phase V (M-29)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximatley 31,700 linear feet of 8-inch gravity sewer and 900 linear feet of 6-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Toms Creek, Uts to Toms Creek
	Impaired =	No
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	103
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,599,600	
Present Worth Per Connection:	$45,020	

Table 92

Project Name:	Brush Mountain Phase VI (M-30)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Montgomery County PSA	
Responsible Mgmt Entity?	Montgomery County PSA	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximatley 24,000 linear feet of 8-inch gravity sewer and 3,700 linear feet of 6-inch gravity sewer.	
Existing WWTP:	Name =	Blacksburg-VPI Sanitation Authority WWTP
	Design Flow (MGD)=	9
	Average Flow =	4.8
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Toms Creek, Uts to Toms Creek
	Impaired =	No
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	128
	Industrial	0
	Commercial =	0
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	
	WWTP/Collection System Upgrades Required	X
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$4,023,800	
Present Worth Per Connection:	$31,680	

PROJECT DATA SHEET

Table 93

Project Name:	Falling Branch Industrial Park (M-31)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 2,100 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$218,400
Present Worth Per Connection:	N/A

Table 94

Project Name:	Elk Drive Extension (M-32)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 1,900 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$197,600
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 95

Project Name:	Silverlake Interceptor (M-33)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 12,000 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$1,248,000
Present Worth Per Connection:	N/A

Table 96

Project Name:	White Pine Drive P.S. and Extension (M-34)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 4,500 L.F. of 8-inch gravity sewer replacement and 1,300 L.F. of 2-inch force main.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$500,200
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 97

Project Name:	Rosehill Dr. Replacement (M-35)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 1,300 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$135,200	
Present Worth Per Connection:	N/A	

Table 98

Project Name:	Lester St. Replacement (M-36)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 700 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$72,800	
Present Worth Per Connection:	N/A	

PROJECT DATA SHEET

Table 99

Project Name:	W. Main St. Replacement - Robin Rd. (M-37)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 350 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$36,400	
Present Worth Per Connection:	N/A	

Table 100

Project Name:	James St. Replacement (M-38)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 570 L.F. of 6-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$53,440	
Present Worth Per Connection:	N/A	

PROJECT DATA SHEET

Table 101

Project Name:	Eanes Cir. Replacement (M-39)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 600 L.F. of 8-inch gravity sewer replacement.
Existing WWTP: Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
Design Flow (MGD)=	4
Average Flow =	2
Receiving Stream =	New River
Stream Classification =	IV
Impaired Stream	Yes
Watershed or Adjacent Stream: Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
Impaired =	Yes
Within Vicinity =	No
Equivalent Customers Served: Residential =	N/A
Industrial	
Commercial =	
Health Hazard:	none
Construction Feasibility: WWTP/Collection System Available	X
WWTP/Collection System Upgrades Required	
WWTP/Collection System Not Available	
Growth Potential:	Residential
Total Project Cost:	$62,400
Present Worth Per Connection:	N/A

Table 102

Project Name:	Crab Creek Trunk Line Replacement (M-40)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 2200 L.F. of 24-inch gravity sewer replacement.
Existing WWTP: Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
Design Flow (MGD)=	4
Average Flow =	2
Receiving Stream =	New River
Stream Classification =	IV
Impaired Stream	Yes
Watershed or Adjacent Stream: Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
Impaired =	Yes
Within Vicinity =	No
Equivalent Customers Served: Residential =	N/A
Industrial	
Commercial =	
Health Hazard:	none
Construction Feasibility: WWTP/Collection System Available	X
WWTP/Collection System Upgrades Required	
WWTP/Collection System Not Available	
Growth Potential:	Residential
Total Project Cost:	$291,800
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 103

Project Name:	Junkin St. Replacement (M-41)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 950 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$98,800	
Present Worth Per Connection:	N/A	

Table 104

Project Name:	Montague St. Replacement (M-42)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 630 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$65,600	
Present Worth Per Connection:	N/A	

PROJECT DATA SHEET

Table 105

Project Name:	Mulberry Dr. Replacement (M-43)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 4100 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$426,400
Present Worth Per Connection:	N/A

Table 106

Project Name:	Alleghany St. Replacement (M-44)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 1900 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$197,600
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 107

Project Name:	N. Franklin St. (Town Office to Depot) (M-45)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 1,600 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$166,400
Present Worth Per Connection:	N/A

Table 108

Project Name:	Longview Dr. Replacement (M-46)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 1,800 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$187,200
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 109

Project Name:	Water St. Replacement (M-47)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 1,500 L.F. of 15-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$198,900	
Present Worth Per Connection:	N/A	

Table 110

Project Name:	Depot St. to Wing St. Replacement (M-48)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 2310 L.F. of 15-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$306,320	
Present Worth Per Connection:	N/A	

PROJECT DATA SHEET

Table 111

Project Name:	Bank St. Replacement (M-49)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 225 L.F. of 6-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek) Design Flow (MGD)= 4 Average Flow = 2 Receiving Stream = New River Stream Classification = IV Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch Impaired = Yes Within Vicinity = No
Equivalent Customers Served:	Residential = N/A Industrial Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X WWTP/Collection System Upgrades Required WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$21,100
Present Worth Per Connection:	N/A

Table 112

Project Name:	Forest St. Replacement (M-50)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 850 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek) Design Flow (MGD)= 4 Average Flow = 2 Receiving Stream = New River Stream Classification = IV Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch Impaired = Yes Within Vicinity = No
Equivalent Customers Served:	Residential = N/A Industrial Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X WWTP/Collection System Upgrades Required WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$88,400
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 113

Project Name:	Harless St. N.E. Replacement (M-51)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 500 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$52,000	
Present Worth Per Connection:	N/A	

Table 114

Project Name:	Glade Dr. at old P.S. (M-52)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 1,000 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$104,000	
Present Worth Per Connection:	N/A	

PROJECT DATA SHEET

Table 115

Project Name:	Hickok St. Replacement (M-53)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 2,000 L.F. of 8-inch gravity sewer replacement.
Existing WWTP: Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
Design Flow (MGD)=	4
Average Flow =	2
Receiving Stream =	New River
Stream Classification =	IV
Impaired Stream	Yes
Watershed or Adjacent Stream: Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
Impaired =	Yes
Within Vicinity =	No
Equivalent Customers Served: Residential =	N/A
Industrial	
Commercial =	
Health Hazard:	none
Construction Feasibility: WWTP/Collection System Available	X
WWTP/Collection System Upgrades Required	
WWTP/Collection System Not Available	
Growth Potential:	Residential
Total Project Cost:	$208,000
Present Worth Per Connection:	N/A

Table 116

Project Name:	Maple St. Replacement (M-54)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 1,700 L.F. of 8-inch gravity sewer replacement.
Existing WWTP: Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
Design Flow (MGD)=	4
Average Flow =	2
Receiving Stream =	New River
Stream Classification =	IV
Impaired Stream	Yes
Watershed or Adjacent Stream: Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
Impaired =	Yes
Within Vicinity =	No
Equivalent Customers Served: Residential =	N/A
Industrial	
Commercial =	
Health Hazard:	none
Construction Feasibility: WWTP/Collection System Available	X
WWTP/Collection System Upgrades Required	
WWTP/Collection System Not Available	
Growth Potential:	Residential
Total Project Cost:	$176,800
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 117

Project Name:	Christie Lane Extension (M-55)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 1,300 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$135,200	
Present Worth Per Connection:	N/A	

Table 118

Project Name:	Dunlap Extension (M-56)	
County:	Montgomery	
Type of Project:	Centralized	
Utility Provider:	Town of Christiansburg	
Responsible Mgmt Entity?	Town of Christiansburg	
Existing Water System?	Yes	
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.	
Proposed Project:	The project consists of approximately 2,500 L.F. of 8-inch gravity sewer replacement.	
Existing WWTP:	Name =	Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)=	4
	Average Flow =	2
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired =	Yes
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	N/A
	Industrial	
	Commercial =	
Health Hazard:	none	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$260,000	
Present Worth Per Connection:	N/A	

PROJECT DATA SHEET

Table 119

Project Name:	Mt. Pleasant Extension (M-57)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 600 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$62,400
Present Worth Per Connection:	N/A

Table 120

Project Name:	East Main St. Replacement (M-58)
County:	Montgomery
Type of Project:	Centralized
Utility Provider:	Town of Christiansburg
Responsible Mgmt Entity?	Town of Christiansburg
Existing Water System?	Yes
Existing Conditions:	The project area is currently served by a public sewage system that requires repairs and/or line upgrades.
Proposed Project:	The project consists of approximately 2,300 L.F. of 8-inch gravity sewer replacement.
Existing WWTP:	Name = Christiansburg Town - Sewage Treatment Plant (Crab Creek)
	Design Flow (MGD)= 4
	Average Flow = 2
	Receiving Stream = New River
	Stream Classification = IV
	Impaired Stream Yes
Watershed or Adjacent Stream:	Name = Crab Creek, UTs to Smith Creek, UTs to Slate Branch
	Impaired = Yes
	Within Vicinity = No
Equivalent Customers Served:	Residential = N/A
	Industrial
	Commercial =
Health Hazard:	none
Construction Feasibility:	WWTP/Collection System Available X
	WWTP/Collection System Upgrades Required
	WWTP/Collection System Not Available
Growth Potential:	Residential
Total Project Cost:	$239,200
Present Worth Per Connection:	N/A

PROJECT DATA SHEET

Table 121

Project Name:	Graysontown (M-59)	
County:	Montgomery/Pulaski	
Type of Project:	Centralized	
Utility Provider:	Pulaski County	
Responsible Mgmt Entity?	Pulaski County	
Existing Water System?	No	
Existing Conditions:	The project area is currently not served by a public sewage system.	
Proposed Project:	The project consists of approximately 47,100 L.F. of 10-inch gravity sewer, 5,230 L.F. of 8-inch gravity sewer, 1,540 L.F. of 6 -inch force main, and one sewage pump station.	
Existing WWTP:	Name =	Peppers Ferry
	Design Flow (MGD)=	9 mgd
	Average Flow =	3.98 mgd
	Receiving Stream =	New River
	Stream Classification =	IV
	Impaired Stream	Yes
Watershed or Adjacent Stream:	Name =	Little River and New River
	Impaired =	Yes
	Within Vicinity =	Yes
Equivalent Customers Served:	Residential =	29
	Industrial	0
	Commercial =	0
Health Hazard:	None.	
Construction Feasibility:	WWTP/Collection System Available	X
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential	
Total Project Cost:	$6,502,580	
Present Worth Per Connection:	$160,080	

Table 122

Project Name:	McCoy (DC-13)	
County:	Montgomery	
Type of Project:	Decentralized	
Utility Provider:	Montgomery County	
Responsible Mgmt Entity?	Montgomery County	
Existing Water System?	No	
Existing Conditions:	This is a large community where the homes are generally on large lots, but the soils are not very good for onsite treatment and disposal. Wells are contaminated with bacteria.	
Proposed Project:	The existing 100 homes in the community could be served by using a STEG/STEP system at each home or business. Treatment would be provided by using an AdvanTex Treatment System followed by UV disinfection system before discharging into the unnamed tributary of the New River.	
Existing WWTP:	Name =	N/A
	Design Flow =	
	Average Flow =	
	Receiving Stream =	
	Stream Classification =	
	Impaired Stream	
Watershed or Adjacent Stream:	Name =	New River
	Impaired =	No
	Within Vicinity =	No
Equivalent Customers Served:	Residential =	100
	Industrial	0
	Commercial =	0
Health Hazard:	Yes	
Construction Feasibility:	WWTP/Collection System Available	No
	WWTP/Collection System Upgrades Required	
	WWTP/Collection System Not Available	
Growth Potential:	Residential growth is expected since building lots would not need to be as large.	
Total Project Cost:	$1,610,933	
Present Worth Per Connection:	$16,109	