

BOOK 5**VIRGINIA:**

At a regular meeting of the Service Authority Board of Amherst County held at the Administration Building thereof on Tuesday, the 2nd day of December, 2008 at 12:00 Noon at which the following members were present and absent:

PRESENT: Mr. V. Wood
Mr. L. Parrish
Mr. D. Kidd
Mr. C. Adams
Mr. R. Vandall

ABSENT: None

Mr. V. Wood called the meeting to order.

IN RE: AGENDA

On motion of Mr. Adams and with the following vote, the Service Authority Board approved the agenda with the following amendments:

- 1) Recent Poplar Grove/Town discussion
- 2) Towns preliminary raw water line study

AYE: Mr. V. Wood, Mr. L. Parrish, Mr. D. Kidd, Mr. C. Adams and Mr. R. Vandall

NAY: None

IN RE: AMHERST/APPOMATTOX ADULT DETENTION CENTER

Mr. French provided update on the Amherst/Appomattox Adult Detention Center water and sewer availability fee and water and sewer line construction administration.

There was a Board consensus to authorize Mr. French to provide the Blue Ridge Regional Jail Authority with Amherst County's standard development agreement.

IN RE: TOWN OF AMHERST AND POPLAR GROVE DEVELOPMENT OWNER'S

Mr. French proceeded to provide updated information concerning utility discussions between the Town of Amherst and Poplar Grove Development owner's.

IN RE: RAW WATER LINE EXTENSION STUDY FOR THE TOWN OF AMHERST

Mr. French presented the attached (ATTACHMENT A) preliminary raw water line extension study for the Town of Amherst.

There was a Board discussion and questions.

IN RE: MONTHLY FINANCIAL REPORT

Mr. French presented the attached monthly financial report for November, 2008. (ATTACHMENT B)

IN RE: ADJOURNMENT

On motion of Mr. Vandall, seconded by Mr. Adams and with the following vote, the Service Authority Board adjourned.

Vernon L. Wood, Chairman
Service Authority Board

Rodney E. Taylor, Secretary



PRELIMINARY RAW WATER LINE EXTENSION STUDY FOR THE TOWN OF AMHERST, VIRGINIA



The study examines 4 potential routes for an 18" raw water line, at a preliminary cost estimate of \$6.5-7.0 million. No determination of raw water line capacity is made. But, page 3-3 suggests a 1.0 MGD raw water pump station that can be increased "up to the safe yield of the reservoir". A PER is recommended.

November 5, 2008

Prepared by:

W
W
ENGINEERS
SURVEYORS
PLANNERS
ASSOCIATES

www.wwassociates.net

Attachment "A"

1402 Greenbrier Place
Charlottesville, VA 22901
Phone: 434-984-2700

PO Box 4119
Lynchburg VA 24502
Phone: 434-316-6080



The goal of this study is to provide a preliminary analysis to determine the feasibility of constructing a raw water line to Mill Creek Reservoir to allow for a direct withdrawal for treatment at the Town of Amherst's water plant. Establishing a direct withdrawal will require the installation of a new intake on the reservoir, a raw water transmission line from the reservoir to the Town's existing river intake, improvements to the existing intake, and possibly a new pump station at the reservoir. Currently, water is released from the Mill Creek Reservoir to allow adequate supply for the Town's water treatment plant intake. The released water flows approximately six miles to the Town's intake along Mill Creek and the Buffalo River to the Town's intake point.

The benefits of installing a raw water line extension to allow direct transmission of water from the reservoir to the water treatment plant include:

- Conservation of the Raw Water Supply - Losses due to evaporation and infiltration during transmission will be eliminated.
- Emergency Preparedness – Should the Buffalo River become contaminated, withdrawing from the reservoir would allow the Town to receive a supply of water.
- Water Quality – A direct withdrawal would prevent the water quality from being degraded by run-off into the Buffalo River, some sections of which are tainted by the bacteria *Escherichia coli*, primarily due to agricultural run-off.
- Flexibility - Having the flexibility to mix water from the river with water from the reservoir will allow the WTP to optimize the influent wet weather sediment load, minimizing treatment costs.

In this report, three previous demand projections are compared with an additional demand analysis, based upon future land use, to help develop a range of water supply needs. The water supply demands of the Town of Amherst are below the 1.0 MGD capacity of the water treatment plant and will likely remain below that capacity for ten to

Executive Summary



fifteen years, depending upon the residential and commercial growth rates. It is projected that the peak day demands could surpass the capacity of the water treatment plant by year 2020 depending on growth within the Town and potential out-of-town users.

Based on a 1984 memorandum issued by the State Water Control Board, the safe yield of Mill Creek Reservoir is 3.7 MGD. Therefore, the Buffalo River and Mill Creek water supply is considered adequate for the water supply planning period of forty to fifty years.

A description of the route alternatives for the raw water line from Mill Creek Reservoir to the Town of Amherst's existing river intake are presented below and are shown graphically in Appendix D of this report.

- Route No. 1 (Straight-line Route) – Follows a linear path from Mill Creek Reservoir to the intake.
- Route No. 2 (River Route) – Follows Mill Creek and the Buffalo River. Only alternative that does not include a pump station.
- Route No. 3 (Turkey Mountain Road) – Follows Turkey Mountain Road and power line easements.
- Route No. 4 (Muddy Branch Road) – Follows Muddy Branch Road and power line easements.

A preliminary analysis of the routing alternatives in the categories of environmental impact, easement acquisition, number of easements, constructability, pump station need, length of run, rock excavation probability, accessibility, land owner impact, and cost is presented in Table E-1. Based on this analysis, Turkey Mountain Road received the highest marks.

Executive Summary



Table E-1
Raw Water Line Routing Selection Matrix

Evaluation Category	Weighting Factor	Straight-Line		River Route		Turkey Mountain		Muddy Branch	
		Rating	Score	Rating	Score	Rating	Score	Rating	Score
Environmental Impact	10	7	70	6	60	9	90	7	70
Cost	10	9	90	6	60	7	70	7	70
Easement Acquisition	10	6	60	7	70	9	90	8	80
Number of Easements	10	9	90	8	80	8	80	6	60
Constructability	9	6	54	6	54	8	72	7	63
Accessibility	9	7	63	7	63	9	81	8	72
Land Owner Impact	9	5	45	7	63	10	90	8	72
Pump Station	8	5	40	10	80	5	40	5	40
Length of Run	8	10	80	7	56	8	64	9	72
Rock Excavation Probability	8	7	56	6	48	9	72	7	56
Total	91		648		634		749		655
Weighted Average	910	0.71		0.70		0.82		0.72	

Preliminary construction costs for the four alternatives are presented below in Table E-2.

Table E-2
Estimated Project Cost

Alternative	Estimated Project Cost
Route No. 1 (Straight-line Route)	\$6.5 – \$7.5 Million
Route No. 2 (River Route)	\$8 - \$9 Million
Route No. 3 (Turkey Mountain Rd. Route)	\$7 - \$8 Million
Route No. 4 (Muddy Branch Rd. Route)	\$7 - \$8 Million



Route No. 3 (Turkey Mountain Road) scores the highest in the analysis presented in this preliminary report; however, further study is needed before the selection of an alternative can be made. In particular, the following elements need additional evaluation:

- Geotechnical Exploration
- Land Acquisition and Property Owner Identification
- Regulatory Permit Requirements
- Three-Phase Power Extension
- Bathymetric Survey of Mill Creek Reservoir
- Updated Safe Yield Analysis for Mill Creek Reservoir

The following steps are necessary to move forward with this project:

- Identify Regulatory Requirements – A meeting with the DEQ, VMRC, and the U.S. Army Corps of Engineers (ACOE) to discuss regulatory requirements and confirm the permit requirements is recommended as the first step in pursuing this project. After requirements have been confirmed, the permit application process can begin.
- Geotechnical Evaluation – A geotechnical evaluation to determine the existence of rock along the proposed routes would help solidify the estimated construction cost and determine which route is the best alternative.
- Easement Determinations – A thorough investigation of property owners and existing easements along the proposed routes would allow the Town to gain additional information about the cost and level of difficulty in obtaining easements for the project.
- Route Selection – Based upon the additional information offered through the geotechnical evaluation and the easement determinations, a route could then be selected.



- Preliminary Engineering Report (PER) Preparation – A preliminary engineering report incorporating all above-mentioned aspects should be completed to incorporate the gained information and as the step before final design to settle all outstanding issues. This report will provide a designation of the best alternative for the raw water line route, provide additional details about a new raw water pump station (if required), and convey further information about tying the new raw water line into the existing intake and pump station structure.
-
-

Table 4-3
Project Schedule for Raw Water Line Extension

Town of Amherst, Virginia
WWA Project No. 208076.01

1.0 Sources and Demands



transitional growth areas except for the E-1, Industrial, areas. Due to the likelihood of a high-water use industry being established in the industrial area, the water demand rate was increased to 0.2 gallons per day per square foot of building area.

Comparison of Projected Demands

The results of this future land use demand projection is included in Table 1-3. To stay consistent with previous reports, a peak month factor of 1.2 and peak day factor of 1.77 were used. A peak month factor of 1.2 is presented in the *Region 2000 Water Supply Plan* and the peak day factor of 1.77 is used in the *Preliminary Engineering Report for Water Storage Improvements for the Town of Amherst*.

Table 1-3
Future Land Use
Town of Amherst Public Water Supply Demand Projections

Year	Average Daily Demand (MGD)	Peak Month Demand (MGD)	Peak Day Demand (MGD)
2010	0.46	0.55	0.82
2020	0.54	0.64	0.95
2030	0.61	0.74	1.09
2040	0.72	0.86	1.27
2050	0.82	0.98	1.45
2060	0.92	1.11	1.63

To make an equitable comparison of each of the previous studies and the new analysis, similar peak factors – 1.2 for peak month and 1.77 for peak day – were applied against the average daily demands given in each projection. The peak month demand is defined as the average daily demand during the month with the highest demand, and the peak day demand is defined as the day with the overall highest demand in that year. Both are important measures in water supply planning. Water treatment plants must be designed to meet peak day values, but, with such a large storage capacity, reservoirs may be designed with a safe yield matching the peak month values. Figure 1-1 and Figure 1-2 compare the peak month and peak day projected demands, respectively.



AMHERST COUNTY SERVICE AUTHORITY

P. O. BOX 100

MADISON HEIGHTS, VA 24572-0100

PHONE (434) 845-1605

FAX (434) 845-1613

MONTHLY FINANCIAL REPORT OF REVENUE AND EXPENSES PROCESSED BY THE MADISON HEIGHTS WATER OFFICE

This Report Does Not Include Debt Service Payments Or Bond Proceed Reimbursements. Which Are Processed By Central Accounting And The Treasurer's Office. Its Sole Purpose Is To Keep Management, And The Board, Promptly Informed Of The Office's Financial Activities. Fully Reconciled Figured Will Be Available At A Later Date, Via The Treasurer's Trial Balance.

I. REVENUE:

A. WATER DEPARTMENT:

	NOV. 2008	Y-T-D 2008	Y-T-D 2007
Water Service	138,883.85	1,774,687.67	1,688,245.02
**Electronic Deposits	1,612.89	134,189.32	136,803.23
Credit Conv. Fees	66.00	387.30	0.00
Bad Check Fees	385.00	2,912.78	2,665.44
Transfer Fees	116.94	1,561.96	1,359.57
Setup Fees	1,075.00	13,346.44	10,641.00
Penalties, Disc. & Lock-off Fees	2,695.95	48,985.35	46,297.66
Water Connections	2,700.00	38,405.00	57,340.00
Availability Charges	9,550.00	90,398.00	141,722.50
Antenna Site	1,380.00	33,930.00	33,892.50
Line Extension	25,200.00	99,734.00	164,552.71
Front Footage Fee	0.00	0.00	2,000.00
Misc: water sold/refund	340.23	18,644.38	22,041.63
Total Collected - November	\$184,005.86		
Total Collected - CFY		\$2,257,182.20	\$2,307,561.26

B. WASTEWATER DEPARTMENT:

Wastewater Service	35,690.37	355,629.04	339,056.01
**Electronic Deposits	337.81	191,326.02	213,499.01
Wastewater Conn	800.00	4,300.00	5,145.00
Wastewater Availability	9,420.00	30,362.00	29,860.00
Wastewater Line Ext.	0.00	31,061.20	6,625.00
Misc:	0	0.00	4,439.08
Total Collected - November	\$46,248.18		
Total Collected & Dep. - CFY		\$612,678.26	\$598,624.10

C. DEPOSITS:

Total Collected - November	\$2,194.00		
Total Collected - CFY		\$27,652.00	\$29,411.00

Total Collected & Dep - November	\$232,448.04		
Total Collected & Dep. - CFY		\$2,897,512.46	\$2,937,949.89



Nov. 2008

	2008	2007
D. CUMULATIVE DEPOSITS:		
Total Collected-November	\$2,194.00	\$2,515.00
Total Paid	\$2,174.25	\$1,177.50
Total Deposit To Date	\$230,717.96	\$225,850.47
E. ACCOUNT TOTALS:		
WATER		
BUSINESS:		
New Business Water Accounts	2	0
Business Water Accounts Closed	0	0
Business Water Connections Removed	0	0
Occupied Business Water Accounts	414	393
Total Business Water Accounts	506	500
RESIDENTIAL:		
New Residential Water Accounts	34	60
Residential Water Accounts Closed	54	26
Residential Water Connections Removed	0	0
Occupied Residential Water Accounts	5,555	5520
Total Residential Water Accounts	6,022	5976
SEWER		
BUSINESS:		
New Business Sewer Accounts	0	1
Business Sewer Accounts Closed	0	0
Business Sewer Connections Removed	0	0
Occupied Business Sewer Accounts	200	194
Total Business Sewer Accounts	236	233
RESIDENTIAL:		
New Residential Sewer Accounts	0	1
Residential Sewer Accounts Closed	8	13
Residential Sewer Connections Removed	0	0
Occupied Residential Sewer Accounts	716	725
Total Residential Sewer Accounts	809	804
F. BILLING		
WA, SE, & TF	\$225,990.74	\$223,135.51
PN,BC,DF & LO	\$4,837.31	\$396.68
Accounts Adjusted Off, Over 3 yrs old	\$0.00	\$9,307.25
G. CONSUMPTION - PRODUCTION:		
WA Consumption From Our Facs.	3,841,215	3,923,937
City Water Consumption	457,500	435,000
Wastewater Produced	1,054,799	1,293,905

*THESE PAYMENTS ARE ELECTRONICALLY DEPOSITED INTO THE AMHERST COUNTY SERVICE AUTHORITY ACCOUNT AND ARE NO LONGER COMING THROUGH THE ACSA OFFICE.

A. WATER DEPARTMENT - NOVEMBER, 2008

Appalachian Power Company	Prices Store	10.43
	Equipment Shed	12.20
	Ebenezer Road	16.13
	Wright Shop Road	10.43
	Elon Road	28.28
	Elon Road	54.28
	Lyttleton Lane	11.01
	Elon Road	5,887.91
	Faulconerville	10.68
Aqua Pools & Spas		113.97
AT & T	Filter Plant	108.62
City of Lynchburg		7,873.25
Ferebee Johnson Co. Inc.		1,390.53
Fisher Auto Pars		29.11
HD Supply Waterworks LTD		161.00
Hurt & Proffitt Inc		134,246.12
J B Moore Electrical		90.00
James R Reed & Associate		1,280.00
James River Equipment Inc.		453.10
Lowes of Madison Heights		53.25
Lynchburg Ready Mix		243.00
Myers & Rhodes Equipment		62.68
Ntelos		41.16
Southern Photo & Print		59.95
Tractor Supply Company		191.80
United Parcel Service		194.09
Univar		746.88
Valley Fasteners of Virginia		493.45
Verizon	Prices Store	35.23
	Filter Plant	48.04
	Ebenezer Road	50.81
WEL		465.00
TOTAL BILLS		\$154,472.39
Collected In November	\$	184,005.86
Less Bills	\$	(154,472.39)
Balance In November	\$	29,533.47
Collected CFY	\$	2,257,182.20
Less Bills	\$	(1,392,404.50)
Balance CFY	\$	864,777.70

B. WASTEWATER DEPARTMENT - NOVEMBER, 2008

Appalachian Power Company	Progress Lane	32.93
	Watts Street	26.23
	Old Madison SLS #6	18.26
	James River	491.13
	Maple Dr SLS #3	19.88
	Reichard Dr SLS #2	21.65
	Dillard Rd SLS 7	24.62
	Robinhood Place	163.88
	Westbriar	280.73
	Elon Road	27.72
	Abbitts SIS #1	14.87
City Collector		8,900.00
Crews Controls		206.25
HACH		175.95
Hurt & Proffitt		1,647.64
Lowes of Madison Heights		56.00
Ntelos		132.59
Rei Consultants Inc.		92.42
Verizon	Amelon SLS 4	25.68
Verizon	Dillard Rd SLS 7	49.55
TOTAL BILLS		12,407.98
Collected In November		46,248.18
Less Bills		(12,407.98)
Balance In November		\$33,840.20
Collected CFY		612,678.26
Less Bills		(188,777.55)
Balance CFY		\$423,900.71

C. CUSTOMER ACCOUNTING & ADMINISTRATION - November 2008

Appalachian Power Company	Phelps Road	131.87
AT&T		100.15
CRI Digital Impressions		46.59
Ntelos		240.9
Postage By Phone		39.21
Verizon		48.19
TOTAL BILLS		606.91

D. PAYROLL-November 2008

	<u>2008</u>	<u>2007</u>
	\$75,984.91	\$70,977.35

II. SUMMARY

Water Income	\$184,005.86	\$187,523.57
Wastewater Income	\$46,248.18	\$63,917.54
Subtotal I	<u>\$230,254.04</u>	<u>\$251,441.11</u>
Water Expense	(154,472.39)	-\$113,261.27
Wastewater Expense	(12,407.98)	-\$410,787.17
Subtotal II	<u>\$63,373.67</u>	<u>-\$272,607.33</u>
Customer Accounting & Administration	(606.91)	-\$9,053.18
Payroll	(75,984.91)	-\$70,977.35
Monthly Balance	<u>-\$13,218.15</u>	<u>-\$352,637.86</u>
Year-To-Date Balance	\$436,921.95	(\$602,814.82)

NEW CONNECTIONS - NOVEMBER 2008

<u>Name</u>	<u>Location</u>	<u>WA</u>	<u>SE</u>	<u>WA/SE</u>
Sharon Jones	140 Daniels Drive		X	
John B. Wilson	683 Possum Island Rd	X		
C T Wingfield (1 mtr)	581,583,585 Seminole Dr	X		
Linwood Allen Inv	226 Crescent Ln	X		

WRITTEN OFF SET-OFF DEBT REPORT

\$0.00 of written off past due debts were collected this month.

LINE EXTENSION REQUESTS INTO PREVIOUSLY DEVELOPED AREAS REPORT

There were no line extension inquiries this month.

-DEF

As Of 11/30/08 Report To ACSA Board

HISTORIC & PROPOSED ACSA WATER CONNECTION UNITS:

I. Residential & Commercial/Industrial Projects Approved, W. ACSA Water, 2004-2007:

A. Residential:	Units
1. River Road, water & sewer	11
2. Forest Oaks IV, water & sewer, 2004	12
3. Oakwood Estates, water, 2004	33
4. Riviera T. H., Phase II, water & sewer, 2004.....	6
5. Fernwood V, water & sewer, 2005	19
6. Vanmeade III, water, 2005	10
7. Stoney Creek Subd., water, 2005	21
8. Pleasant Ridge III, water, 2006	26
9. Pleasant Ridge IV & Estates, water, 2006	29
10. Peakview Estates I & II, water, 2006	8
11. Ebenezer Rd./ Cabell Ln., Water, 2006	42
12. Riviera T. H., Phase III, water & sewer, 2006.....	4
13. Foxbriar Subd., water, 2007	41
14. Vanmeade IV, water, 2007	13
15. Riviera Townhomes IV A, water & sewer, 2007	5
16. Richard Wooldridge Subd., water, 2007	3
17. Crescent Dr. (Lot 5, Shepard Subd, I) water, 2007	2
18. Beechwood Estates, water , 2007	12
19. Wynbrooke Subd., water & sewer, 2007	42
20. Elon Forest, I, water, 2007	29
21. Beech Lane Ext., Popular Grove, water, 2007	13
22. Coolidge Ln. Apts., single by right tract dev. Existing wa line,2007	5
Sub total A	386 units
B. Commercial/Industrial Unit Equivalents:	
1. Old Dominion Footwear (Duck Head), water & sewer 2004	1.3
2. Frontier Development (strip mall), water & sewer, 2004	3.1
3. Lowes, water & sewer, 2004	7.8
4. Rite-Aid Drug (Eckard), water & sewer, 2004	4.4
5. Virginia Pizza (Pizza Hut Bistro) water & sewer, 2006	6.4
6. England Stove Works, water & sewer, 2007	1.2
Sub total B.	24.0 units

COMPLETED NEW WATER DEMAND (A & B)..... 410 units

II. Residential & Comm./Indus. Projects Completed W. ACSA Water, 2008:		Units
1. Amherst Ed. Ctr., Trojan Ln., water & sewer, 2008		2
2. Stratford Place, Sec I, water & sewer, 2008		38
3. Summer & Sons, Inc., water & sewer, 2008		2.5
4. East Progress Ln, W.&S. to lots 8-11, 2008, (equivalency to at least) ...		9.2
5. N & W Properties water & sewer, 2008.		4
6. Commercial Metals Co., water & sewer, 2008.		2.2
7. Commercial Steel Erection Expansion, water & sewer, 2008		1
8. Wooldridge Subdivision, water 2008.		5
9. Myra Manor Subdivision, Phase I, water 2008		8
10. Hinkley Family Division, water, 2008		3
11. Special Properties, LLC, Rothwood Rd., water, 2008		2
12. Izaak Trace Subdivision, water, 2008		32
13. Lot 2-3, Steven Springs, triplex, water & sewer, 2008		3
TOTAL NEW WATER UNITS, 2008		111.9
TOTAL NEW SEWER UNITS, 2008		61.9
III. Proposed Extensions & Commercial/Industrial Projects, As of 11/30/08.		
1. Price Property, Ebenezer Road, water.		30
Status: Preliminary discussion, 3/05.		
2. Cox & Woods Property, Phelps Rd. & Wright Shop Rd., water & sewer		150
Status: 2nd preliminary inquiry, 4/06.		
3. Schewel Property, Pinecrest Dr., water & sewer.		40
Status: Preliminary inquiry, 4/06.		
4. Moss & Cox Property, 44 ac., U.S. Rt. 29 water & sewer.		76
Status: On market. Conceptual plan developed 5/06.		
5. Parrish Property, 52 ac., Riverview Rd., water.		90
Status: On market. Preliminary engineer's inquiry 6/06.		
6. Wooldridge Property, 61 ac., Dogwood Dr., water.		54
Status: On market. Preliminary engineer's inquiry 3/07.		
7. Crescent Dr. (Lot 5, Shepard Subd. II), water		8
Status: Contact by developer 3/07.		
8. Pechot Apt., Arbor Ct. Ln. water & sewer		4
Status: Contact by builder 4/07.		
9. Cash Property, 1.5 ac Between W. S. & Old W. S. Rds. water & sewer.		8
Status: On market. Preliminary engineer's contact 4/07.		
10. The Heights, Townhomes, U.S. 29 Bus., water & sewer.		8
Status: DRC & P.C. review 6/07.		
11. Cherry Ln. Estates, Laurel Dr., water & sewer		34
Status: 1st P.C. submission 12/06 incomplete. New contact by engineer 7/07.		
12. Riviera Townhomes IV B, water & sewer		7
Status: DRC & Commission approved, 8/07		

13. Homestead Villas at Poplar Grove, water	34
Status: Financial assurances provided for Phase I (9 units) 8/06. VDH approved Phase II mass drainfield, 9/07.	
14. Cash Property, 26 ac., Amelon Rd., water & sewer	66
Status: Preliminary feasibility study completed 9/07, and results were positive.	
15. Poplar Grove Equestrian Farms, water	13
Status: Preliminary developer contact 10/07.	
16. Rose Property, 2 ac., Casey Ln., water.	6
Status: 2nd owner contact 10/07.	
17. McMasters Property, 7 ac., Brunner Rd., water	7
Status: 1st contact by owner 11/07.	
18. Myra Manor, Phase II, 16 ac., Randolph St. water	13
Status: 2nd contact by owner's surveyor 11/07.	
19. Cook Property, 17 ac., Dillard Rd., water & sewer	100
Status: Townhome complex, south of Westwind Village. Being marketed nationally. Agent contact 12/07.	
20. Laurel Cliff Farm Subd., 1,339 ac., water	800
Status: Property sold & returned to the market 11/06. Owners wrote a letter requesting BOS flexibility in expanding the Designated Growth Area boundary, 1/08.	
21. Wilkins Property 5 ac., Amelon/Dixie Airports Rds., water	5
Status: Discussion with owner 2/08.	
22. Brown Property, 1.8 ac., N. Highland Circle, water & sewer	4
Status: New owner, provided sewer extension cost figures 2/08	
23. Crossing of Amherst, townhouses, 40 ac., water & sewer	216
Status: Phase I water & sewer plans approved. DRC reviewed 3/08	
24. Ramsey/Wingfield Property, 33 ac. North of Woodvue Dr., water & sewer	60
Status: 1st preliminary contact by owner's representatives, 3/08.	
25. Cunningham Property, 18 ac. W. of U.S. 29 Bus., near Martin's Ln, water & sewer	40
Status: Contact by potential purchaser, 3/08.	
26. Stratford Place, Phase 2 & 3, Woody's Lake Rd., water & sewer	70
Status: Phase I water & sewer lines ready for Phase 2 & 3 extension, 3/08.	
27. Elon Forest, III-VI, water	146
Status: Projectwed to be platted 2008-2018, 4/08.	
28. Kidd Property, 2 ac., Dillard Rd., water & sewer	8
Status: DRC review, 4/08.	
29. Quality Archery, Lot 10, Amelon Commerce Center, water & sewer	2.3
Status: DRC review, 1/08. Project proceeding 4/08.	
30. Elon Forest, Phase II, B, water	26
Status: Water line plans submitted for preliminary review, 8/08.	
31. Cedar Ridge Center & Subdivision, 22 ac., water & sewer (equivalent to)	150
Status: Rear 16 ac. Rezoned R-3 6/07. Rt 29 frontage lots created, 5/08.	

32.	Stewart & Alcock Property, 39 ac., Wright Shop Rd., water & sewer . . .	160
	Status: Initial contact by a prospective buyer, 7/08.	
33.	Churchview Dr., water & sewer	2
	Status: 1st owner contact, via surveyor, 7/08.	
34.	Martins Ln. W/L Ext. water	2
	Status: Contractor braking ground for duplex, 7/08.	
35.	Stevens Springs Subd., Lot B-2, water & sewer	3
	Status: Contractor beginning framing, 7/08.	
36.	Glory Ridge Subd. U.S. 29, water	26
	Status: DRC & P.C. reviewed 11/07. 1st review of water system design, 9/08.	
37.	Prohl Apt/T.H., Lakeview Dr., water & sewer	12
	Status: 1st preliminary contact by engineers, 9/08	
38.	Peakview Estates III-V, water	50
	Status: Phase III 11/06, Phase IV 9/07, Phase V, 4/08	
39.	Kent Woods Subd., Phase I, Kentmore Farm Rd., water	11
	Status: Reviewed by DRC, 10/08	
40.	Kent Woods Subd., Phase II, 69 ac., Kentmore Farm Rd., Water	42
	Status: DRC reviewed 9/07. Future work, 10/08.	
41.	Elon Forest, Phase IIA, water	10
	Status: Water line plans approved, 10/08.	
42.	Dogwood Creek Estates, 73 ac., Izaak Walton Rd., water	41
	Status: Water line plans received 1st review, 10/08.	
43.	Abbe Manor Subd., 29 ac., S. Coolwell Rd., water & sewer	59
	Status: Preliminary water & sewer plans received 1st review, 9/08.	
	Financial assurance, 10/08.	
44.	Amherst/Appomattox Reg. Jail, water & sewer, (equivalent to)	91.5
	Status: Water line plans received preliminary review, 10/08.	
	Availability fees determined, 11/08.	
45.	Poplar Grove, Phase II, water & sewer (equivalent to)	1,738
	Status: Conceptual plan presented to P.C. 8/06. Engineering estimates provided to Town indicate ultimate average water and sewer demands (residential and commercial) of 312,750 gpd. Based on historic ACSA water demands of 180 gpd/connection this would be equivalent of 1,738 average single family dwellings. 4/08 Developer presentation to Box, 9/08. Developer presentation to Town Council, 11/08.	
46.	Mt. View Stables Subd. Sec. II S. Coolwell Rd., water	7
	Status: Water line financial assurance provided, 11/08.	
47.	Pleasant Ridge Subd. Sec. V, water	30
	Status: DRC reviewed, 11/08.	
48.	Union Christian Church Subd. Elon Rd., water	4
	Status: DRC Reviewed, 11/08.	