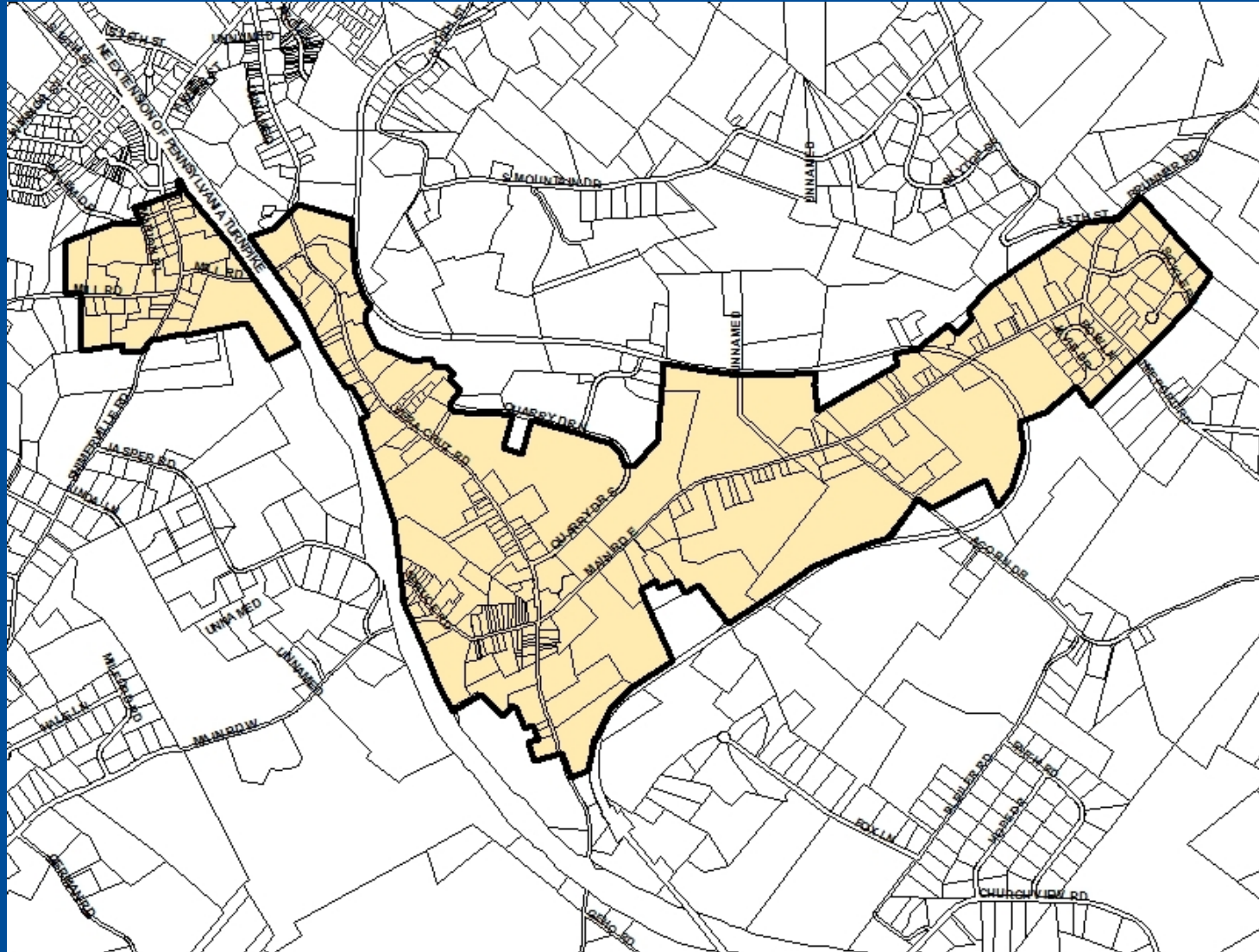




Vera Cruz Area Sewer Project

January 27, 2011

Project Area



Low-Pressure System



-28,500 l.f. HDPE LP main (1-1/4" to 6" diameter)

-Installed by Directional Drilling



Project Funding / Cost Recovery

Project Cost	\$ 5,180,000
<i>Less Grants, Contributions & Upfront Fees</i>	
<i>EPA Grants</i>	\$ (1,455,000)
<i>LCA Contribution</i>	(315,000)
<i>Project Connection Fees (1)</i>	(285,000)
<i>Project Capacity Tapping Fees (1)</i>	(50,000)
<i>Non-Project Capacity Tapping Fees (1)</i>	(475,000)
<i>Total Grants, Contributions & Upfront Fees</i>	\$(2,580,000)
AMOUNT FINANCED	\$2,600,000

(1) Up-front fees paid by property owners

E-One Grinder Pump Unit



- Properties required to connect will be given a GP unit for their Plumbing Contractor to install
- GP Comes with 3-year Warranty & Maintenance (*from date of delivery, No maintenance contract necessary until 4th year*)
- Property owner will own the GP and be responsible for O&M costs.

Property Owner Financial Impact

Mandatory Connection Requirement

Public Facility Costs

- Up-front Project Connection Fee
- Up-front Project Capacity Tapping Fee
- Up-front Non-Project Capacity Tapping Fee

Private Costs

- Up-front Private Plumbing Costs
- On-going LCA User Charges
- On-going Electricity Costs
- On-going Annual GP Maintenance Contract

Up-Front Costs Single Family Residential

Item (1)	Cost
Project Connection Fee	\$1,025
Project Capacity Tapping Fee	180
Non-Project Capacity Tapping Fee	1,706
Total Public Facility	\$2,911
<i>Private Plumbing</i>	<i>5,800</i>
<i>Township Permits</i>	<i>200</i>
<i>Total Private</i>	<i>\$6,020</i>
GRAND TOTAL	\$8,931

(1) Assumes 1 EDU, 1 Lateral. Private plumbing is an estimated average cost

On-Going Annual Costs Single Family Residential

Item <i>(1)</i>	1-EDU
LCA User Charges	\$ 362
Electric	28
Grinder Pump Maintenance Contract	\$140
Total Annual Costs	\$530

(1) OPTIONAL METERING. Assumes: 1-EDU, 1 Grinder Pump

Up-Front Costs Multi-Family Residential

Item (1)	2-Unit	5-Unit
Project Connection Fee	\$1,025	\$1,025
Project Capacity Tapping Fee	216	540
Non-Project Capacity Tapping Fee	2,050	5,125
Total Public Facility	\$3,291	\$6,690
<i>Private Plumbing</i>	<i>5,800</i>	<i>5,800</i>
<i>Township Permits</i>	<i>220</i>	<i>220</i>
<i>Total Private</i>	<i>\$6,020</i>	<i>\$6,020</i>
GRAND TOTAL	\$9,311	\$12,710

Assumes MFR Capacity Tapping Fees, 1 Lateral, Private plumbing is an estimated average cost

On-Going Annual Costs Multi Family Residential

Item ⁽¹⁾	2-Unit	5-Unit
LCA User Charges	\$ 643	\$1,609
Electric	32	80
Grinder Pump Maintenance Contract	140	140
Total Annual Costs	\$ 815	\$1,829

(1) OPTIONAL METERING. Assumes: MFR rate, 1 Grinder Pump

Up-Front Costs Commercial

Item ⁽¹⁾	1-EDU	3-EDUs
Project Connection Fee	\$1,025	\$1,025
Project Capacity Tapping Fee	180	540
Non-Project Capacity Tapping Fee	1,706	5,118
Total Public Facility	\$2,912	\$6,686
<i>Private Plumbing</i>	<i>6,175</i>	<i>6,175</i>
<i>Township Permits</i>	<i>220</i>	<i>220</i>
<i>Total Private</i>	<i>\$6,395</i>	<i>\$6,395</i>
GRAND TOTAL	\$9,307	\$13,081

(1) Assumes :1 Lateral. Private plumbing is an estimated average cost and includes a 5/8" x 3/4" meter.
 Note: Grease Trap and/or WW Sample Port if required are not included in estimated plumbing costs

On-Going Annual Costs Commercial

Item (1)	1-EDU	3-EDUs
LCA User Charges	\$ 362	\$1,085
Electric	28	84
Grinder Pump Maintenance Contract	140	140
Total Annual Costs	\$ 530	\$1,309

(1) MANDATORY METERING. Assumes: 1 Grinder Pump

Direct Property Owner Financial Assistance For **Up-Front Costs**

- Community Development Block Grants

~\$399,000 for Tapping Fee and Lateral Assistance

For qualifying property owners

- LCA low-interest financing for Non-Project Capacity Tapping Fees

@ 4.00% per-annum, Term 1 to 5-years, Monthly Payments

5-year term = \$18.42 per/month –per/\$1,000 borrowed

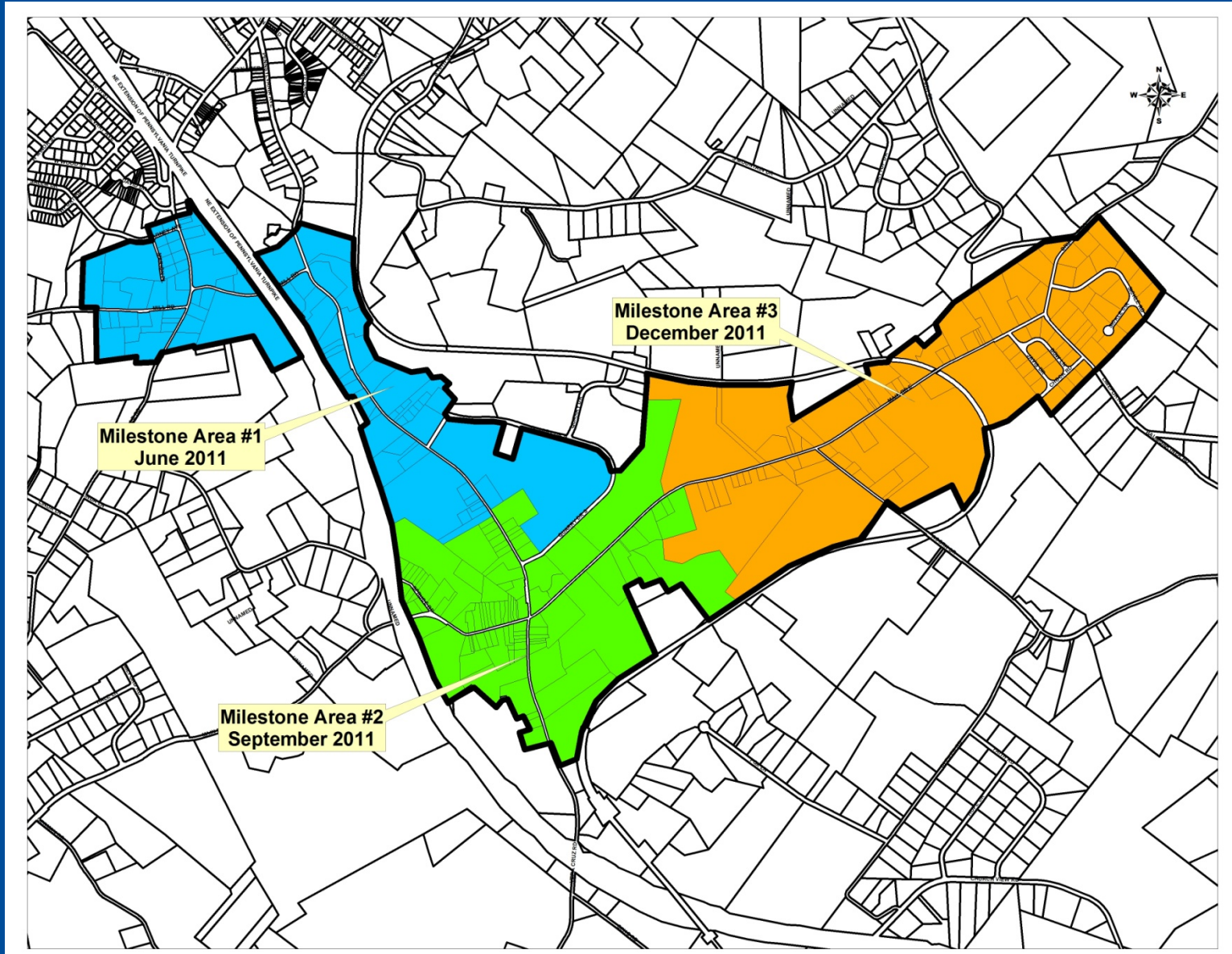
Single Family Residential –LCA Financing

Cost Category	No LCA Financing	With LCA Financing
Up-front		
Public Facility Costs	\$2,911	\$ 1,205
Private Plumbing	5,800	5,800
Township Permits	220	220
Total Up-front	\$8,931	\$ 7,225
Annual On-going		
LCA User Charges	\$ 362	\$ 362
LCA Financing (<i>Term 5-years</i>)	N/A	378
Electric & Maintenance Contract	168	168
Total Annual On-going	\$ 530	\$ 908

Project Schedule

Item	Date
Project Resident Expo	Jan 27, 2011
Township Ordinance Authorization	Mar 03, 2011
Award Contract	Mar-2011
Completion Milestone Area-1 <i>Notify Residents to Connect</i>	June-2011
Completion Milestone Area-2 <i>Notify Residents to Connect</i>	Sept -2011
Completion Milestone Area-3 <i>Notify Residents to Connect</i>	Dec-2011
Project Final Completion	Spring -2012

Construction Milestones



Property Owner Recommendations –Near Term

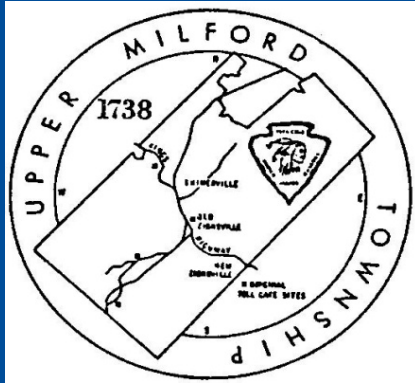
- Update your contact information (*if incorrect*)
- Check with the Lehigh County Department of Community Development to determine if you will qualify for CDBG Financial Assistance.
- Obtain Prices from at least 3 Plumbing Contactors
- Commercial Properties: Install a meter on your water supply.

We Haven't Given Up !

Pending Project Funding Applications
for low-interest loans and/or grants:

- Penn Vest
- PA H₂O





Questions / Need Help



The image features a dark brown, textured background with a repeating pattern of small, irregular shapes, resembling a woven or quilted fabric. The word "END" is centered in the middle of the image in a bold, white, sans-serif font.

END