

**UPPER MILFORD TOWNSHIP ACT 537 SEWAGE RELATED NEEDS
ANALYSIS SUMMARY REPORT**

The purpose of this report is to explain the methods used in the preparation of needs analysis and summarize the results from the information that was gathered since I became involved in this study.

I would like to start with a little information about my background before becoming involved in this project; I have been involved with septic systems in this area since 1986 with a local private contractor involved in maintenance and installation, and also as a private consultant and designer until the day that I started as the Sewage Enforcement Officer for Upper Milford Township in 1999. My background gave me a great interest in the chance to help some of the residents of this Township by documenting the problems associated with on-lot septic systems. This survey also gave me a chance to document and create a table of all the information gathered that could be used by the Township in planning for the future, as well as dealing with the problems of today.

My involvement started with the engineers and consultants involved in this project asking for information associated with sewage systems in this area. Beginning with information from permits issued, existing problems, density, soils and other information associated with the properties in this Township that will affect the long-term capability of septic systems to adequately serve future sewage disposal needs. They then gave me areas that they wanted a detailed survey of, and armed with a survey form and a few dog biscuits I started knocking on doors, asking questions, listening and looking for information that would show the properties with and without problems associated with on-lot septic systems.

During the survey it became apparent was that while there were many homeowners that had a very good understanding of their systems there were also many owners that the only knowledge of their septic system was that they paid someone to pump it out every few years, sometimes the actual lack of information that some homeowners were able to give about their individual septic systems when it came to location, the age and type of system on their property made it very difficult to even know where to look for any type of septic system on their property. Many of the property owners were not the original owners at the time the septic system was installed, so to aid in the survey I began looking at sewage permits for the properties involved in the study area and I also looked at information gathered from the previous study that may have come from a previous owner that was around when the system was installed or repaired, information that a new owner might not know about. Information from septic haulers became equally important in figuring out the mysteries of what some properties had for septic systems, especially the ones that were installed before permits were issued, And as it happens I myself was also able to explain to some owners what components their septic system consisted of from previous work that I had done on the property.

At the time the survey began in May of 2002 drought conditions were present so information from past history became very important in getting accurate information for this survey. Another important part of this study was educating some property owners on septic systems and how they function, and that definitely made a difference in the answers I would get when a property owner understood the questions that I was asking them. This was not discussed in any part of the study guidelines but it is an important tool in getting accurate answers for any Act 537 study.

The next step for me when the survey was complete in November of 2002 was to categorize this information from a total of 827 properties; these properties represent approximately 80% of the properties with dwellings on them in the areas surveyed. Categorizing and evaluating was achieved by putting all the information collected from the survey, permit information, complaints and all other pertinent information into a data program, the surveyed properties were grouped by watershed areas. The Engineers involved in the Act 537 update then reviewed that information.

My next involvement came when the engineers involved in the project asked me to take a closer look at areas with high percentages of malfunctions. Each area was reviewed for public health issues such as malfunctioning onlot sewage systems, breaking down each property into four different categories confirmed, suspected and potential malfunctions along with properly functioning onlot systems as outlined in the Act 537 Sewage Disposal Needs Identification guidelines published by the DEP. The Vera Cruz and S. Seventh Street area had many similarities, these two areas both exhibit properties with poorly drained soils and high groundwater tables as witnessed by actual soil profile descriptions that have been part of earlier attempts to repair malfunctioning systems in them. The Vera Cruz area is also an area where the dwellings and septic systems were constructed long before sewage disposal regulations were in effect, many dwellings with very small lot sizes and the Liebert creek flowing through many of the properties with malfunctions. The S. Seventh Street area was similar in soil qualities and also had many properties on steep slopes that made any type of repairs utilizing onlot systems very difficult.

The survey table for the Vera Cruz area and the S. Seventh Street area was then updated between the fall of 2004 and the spring of 2005 when drought conditions did not exist. These areas were then narrowed down by the Engineers and consultants involved into proposed sewer service areas in part by utilizing the information from the study.

The additional pages attached show the information collected from Vera Cruz portion of the study and the S. Seventh Street portion of the study along with maps of the areas represented in those portions of the data, along with the percentages from the four categories described in the DEP needs identification guidelines.

) The S. Seventh St. area consists of approximately 23 properties with 2 of them being vacant, a total of 21 properties were surveyed, and this was 100% of the dwellings for this area.

47.62% were in the category of confirmed malfunctions.
9.52% were in the category of suspected malfunctions.
28.57% were in the category of confirmed malfunctions,
14.29% were in the category of no malfunctions.

The study for the proposed Vera Cruz proposed sewer service area as of 7/13/05 consists of approximately 318 properties with 33 of them being vacant a total of 266 properties were surveyed, this was over 93% of the dwellings in this area.

39.44% were in the category of confirmed malfunctions.
20.72% were in the category of suspected malfunctions.
31.08% were in the category of potential malfunctions.
14.74% were in the category of no malfunction.

) The information in the survey tables represents the most accurate information I was able to compile from the data I collected during the study and to the best of my knowledge represents true and accurate information from the survey for the areas included in it.



Brian Miller
Upper Milford Township SEO # 02350

)

Vera Cruz Needs Analysis Survey Data

)

)

16-Jul-05

**Vera Cruz Area
DEP on-site Needs Analysis Results (*)**

Vera Cruz Project Area		
<i>Total Number of Properties</i>	284	
<i>Vacant</i>	22	
Category	Number	% (1)
Confirmed Malfunctions	97	38.65%
Suspected Malfunctions	50	19.92%
Potential Malfunctions	72	28.69%
No Malfunctions	32	12.75%
Total Surveyed	251	

(1) % of surveyed properties

Revised Vera Cruz PSAs (2)		
<i>Total Number of Properties</i>	318	
<i>Vacant</i>	33	
Category	Number	% (1)
Confirmed Malfunctions	99	39.44%
Suspected Malfunctions	52	20.72%
Potential Malfunctions	78	31.08%
No Malfunctions	37	14.74%
Total Surveyed	266	

(1) % of surveyed properties

(2) As per 07/13/05 meeting, deleted lots in PSA-1 That were in the xxxxx drainage basin

* Results based upon data provided by Brian Miller
UNIT SEO

Vera Cruz Needs Survey Data

	Needs Survey Area	Property ID Number	Street Name	Proposed Sewer Service Area	Unit Type	Occupants	Dwelling Units	Malfunction Observed	BTG	System Problems	Confirmed Malfunction	Suspected Malfunction	Potential Malfunction	No Malfunction	Gray Water	ID	Date of Visit	Owner present at visit	Owner Occupied	Date of Building Construction	Size of Property	Years Occupied	Primary Treatment
1	LC-2	549386165216	ACORN	YES	SF	1	1	FALSE	NO	FALSE		X			SAME	1354	7/30/2002	TRUE	TRUE	1969	1.52	16	ST
2	LC-2	549386475461	ACORN	YES	SF	3	1	FALSE	NO	TRUE	X				SAME	1355	7/30/2002	TRUE	TRUE	1973	0.84	36	ST
3	LC-2	549386567597	ACORN	YES	SF	2	1	TRUE	NO	TRUE	X				FRENCH DRAIN		12/2/2004	FALSE	TRUE	1962	0.50	40	ST
4	LC-2	549386101008	ACORN	YES	SF	5	1	FALSE	NO	FALSE			X		SAME	1358	7/30/2002	TRUE	TRUE	1834	5.00	NG SUBDIVI	ST
5	LC-2	549396167291	ACORN	YES	SF	3	1	FALSE	NO	FALSE		X			UNKNOWN	1353	7/20/2002	TRUE	TRUE	1980	1.89	12	ST
6	LC-2	549396427211	ACORN	NO	SF	2	1	FALSE	NO	FALSE			X		SAME	1356	7/30/2002	TRUE	TRUE	0	3.90		ST
7	LC-1	549319020585	BARNEY	YES	SF		1	FALSE	NO	FALSE			X		UNKNOWN		9/16/2002	FALSE	TRUE	1967	0.39		ST
8	LC-1	549319016283	BARNEY	YES	SF	4	1	TRUE	NO	TRUE	X				SAME	1369	9/23/2002	TRUE	TRUE	1980	0.25		ST
9	LC-1	549319134076	BARNEY	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1372	9/16/2002	TRUE	TRUE	1968	0.37	34	ST
10	LC-3	640308412019	BOW	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1200	7/8/2002	TRUE	TRUE	1976	0.50	26	ST
11	LC-3	640307597462	BOW	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1193	6/24/2002	TRUE	TRUE	1973	0.50	29	ST
12	LC-3	640308515757	BOW	YES	SF	3	1	FALSE	NO	TRUE	X				SAME	1198	6/24/2002	TRUE	TRUE	1972	0.50	30	ST
13	LC-3	640308617588	BOW	YES	SF	4	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1195	6/24/2002	TRUE	TRUE	1972	0.87	8	ST
14	LC-3	640308708319	BOW	YES	SF	2	1	TRUE	NO	TRUE	X				SURFACE DISCHARGE	1196	6/24/2002	TRUE	TRUE	1970	0.50	32	ST
15	LC-3	640307896470	BOW	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1197	6/24/2002	TRUE	TRUE	1970	0.50	32	ST
16	LC-3	640307984586	BOW	YES	SF	2	1	TRUE	YES	FALSE	X				SURFACE DISCHARGE	1194	6/20/2002	TRUE	TRUE	1974	0.50	27	ST
17	SC-1	640329161101	BRUNNER	NO	SF	0	1	FALSE	YES	FALSE	X				SAME	1162	6/20/2002	FALSE	TRUE	1803	9.03		ST
18	SC-1	640328262908	BRUNNER	NO	SF	3	1	FALSE	NO	FALSE			X		SAME	1159	6/20/2002	TRUE	TRUE	1986	21.00	16	BT
19	SC-1	640319313534	BRUNNER	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1160	6/20/2002	TRUE	TRUE	1975	2.00	1.5	ST
20	SC-1	640319111053	BRUNNER	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1155	6/20/2002	TRUE	TRUE	1972	1.00	30	ST
21	SC-1	640309703423	BRUNNER	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1158	6/23/2002	TRUE	TRUE	1966	1.00		ST
22	SC-1	640308996533	BRUNNER	YES	SF	0	1	FALSE	NO	TRUE	X				SAME	1173	6/20/2002	FALSE	FALSE	0	1.17		ST
23	SC-1	640308878510	BRUNNER	YES	SF	4	1	TRUE	NO	TRUE	X				SAME	1161	6/20/2002	TRUE	TRUE	0	1.25	25	ST
24	SC-1	640308586438	BRUNNER	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1157	6/24/2002	TRUE	TRUE	1958	2.17	36	ST
25	LC-3	640308559048	BRUNNER	YES	SF	2	1	FALSE	NO	FALSE		X			SAME	1212	6/24/2002	TRUE	TRUE	1800	1.50	18	ST
26	SC-1	640308749773	BRUNNER	YES	SF	6	1	FALSE	NO	FALSE			X		SAME	1156	6/20/2002	TRUE	TRUE	1954	1.29	10	ST
27	LC-3	640317079340	CHOCK	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1204	6/20/2002	TRUE	TRUE	0	0.60		ST
28	LC-3	640307969379	CHOCK	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1201	6/20/2002	TRUE	TRUE	1986	0.60	16	ST
29	LC-3	640307775281	CHOCK	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1203	6/20/2002	TRUE	TRUE	0	0.60	1	ST
30	LC-3	640307950531	CHOCK	YES	SF	3	1	FALSE	NO	FALSE		X			SAME	1202	6/20/2002	TRUE	TRUE	1970	0.60	32	ST
31	LC-3	640307746241	CHOCK	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1205	6/24/2002	TRUE	TRUE	1972	0.50	30	ST
32	LC-3	549398772654	FIFTH	NO	SF	2	1	FALSE	NO	FALSE			X		SAME	549398772654	7/11/2002	TRUE	TRUE	2002			ST
33	LC-3	640308202137	JAVIS	YES	SF	0	1	TRUE	NO	TRUE	X				SAME	1207	7/8/2002	FALSE	TRUE	0	1.00		ST
34	LC-3	640307390238	JAVIS	YES	SF	0	0	TRUE	NO	TRUE	X				SAME	1208	7/8/2002	TRUE	TRUE	1973	0.50	20	ST
35	LC-3	640307387395	JAVIS	YES	SF	3	1	TRUE	NO	FALSE	X				SAME	1206	7/8/2002	TRUE	TRUE	1973		7	ST
36	LC-3	640307475441	JAVIS	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1211	7/8/2002	TRUE	TRUE	1971	0.68	3	ST
37	LC-3	640307686382	JAVIS	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1199	6/24/2002	TRUE	TRUE	2001	0.50	1.5	ST
38	LC-3	640307562498	JAVIS	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1209	7/8/2002	TRUE	TRUE	1971	0.50	31	ST
39	LC-3	640307850520	JAVIS	YES	SF	3	1	FALSE	NO	TRUE	X				SAME	1210	7/8/2002	TRUE	TRUE	1968	0.50	34	ST
40	SC-1	640308837321	LIMEPORT	YES	SF	2	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1151	7/8/2002	TRUE	TRUE	1952	1.03	34	ST
41	SC-1	640308927264	LIMEPORT	YES	SF	2	1	FALSE	NO	FALSE		X			SEPARATE SYSTEM	1153	7/8/2002	TRUE	TRUE	1954	1.00	48	ST
42	SC-1	640318015357	LIMEPORT	YES	SF	1	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1172	7/8/2002	TRUE	TRUE	1958	0.51	38	ST
43	SC-1	640318100891	LIMEPORT	YES	SF	1	1	FALSE	NO	FALSE			X		SAME	1152	7/8/2002	TRUE	TRUE	1961	0.48	14	ST
44	SC-1	640317290155	LIMEPORT	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1154	7/8/2002	TRUE	TRUE	1965	1.30		ST
45	LC-3	640308368366	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1192	6/26/2002	TRUE	TRUE	2001	3.50	1	ST
46	LC-3	640308337792	MAIN RD. E.	YES	SF	1	1	TRUE	NO	TRUE	X				SAME	1191	6/24/2002	TRUE	TRUE	1960	1.00	36	ST
47	LC-3	640308146422	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1190	7/11/2002	TRUE	TRUE	1953	3.01	2	ST
48	LC-3	549398936473	MAIN RD. E.	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1189	7/11/2002	TRUE	TRUE	1955	2.30	9	ST
49	LC-3	640308010319	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE		X			SAME	1188	7/11/2002	TRUE	TRUE	0	0.45		ST
50	LC-3	549398904862	MAIN RD. E.	YES	SF	1	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1187	7/11/2002	TRUE	TRUE	1894	0.08	42	ST
51	LC-3	549398902740	MAIN RD. E.	YES	SF	6	1	FALSE	NO	TRUE	X				UNKNOWN	1186	7/11/2002	TRUE	TRUE	0	142.00	10.5	ST
52	LC-3	549398804341	MAIN RD. E.	YES	SF	0	0	FALSE	NO	FALSE			X		UNKNOWN	1185	7/11/2002	FALSE	FALSE	0	0.57		UNKNOWN
53	LC-2	640307304097	MAIN RD. E.	YES	SF	0	0	FALSE	NO	FALSE		X			SAME	1357	7/30/2002	FALSE	FALSE	1845	35.50	VACANT	
54	LC-3	549398711982	MAIN RD. E.	YES	SF	4	2	FALSE	NO	FALSE			X		SAME	1184	7/11/2002	TRUE	TRUE	1986	3.40	14	ST
55	LC-3	549397694201	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE		X			SAME	1183	7/11/2002	FALSE	FALSE	0			ST
56	LC-3	549397585870	MAIN RD. E.	YES	MF (2 APT.)	0	0	FALSE	NO	FALSE		X			SAME	1182	7/11/2002	TRUE	TRUE	1944	2.00	51	ST
57	LC-3	549397497678	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE		X			SAME	1181	7/11/2002	TRUE	TRUE	0	0.72	17	ST
58	LC-3	549398413311	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1177	7/11/2002	TRUE	TRUE	1952	2.00	20	ST
59	LC-3	549397297801	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE		X			SAME	1243	7/24/2002	TRUE	TRUE	1967	1.30	22	ST
60	LC-2	549397458505	MAIN RD. E.	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1242	7/24/2002	TRUE	TRUE	1990	1.25	12	ST
61	LC-2	549397179058	MAIN RD. E.	YES	SF	3	1	FALSE	YES	FALSE	X				SAME	1178	7/11/2002	TRUE	TRUE	1854	1.00	25	ST
62	LC-3	549388809759	MAIN RD. E.	NO	SF	4	1	FALSE	NO	FALSE			X		SAME		7/11/2002	TRUE	TRUE	1800	27.00	39	ST
63	LC-3	549388709759	MAIN RD. E.	NO	SF	1	1	FALSE	NO	FALSE			X		SAME		7/11/2002	TRUE	TRUE	1800	27.00	39	ST
64	LC-3	549388708043	MAIN RD. E.	NO	SF	2	1	FALSE	NO	FALSE			X		SAME	1179	7/11/2002	TRUE	TRUE	1955	1.00	49	ST
65	LC-2	549397153981	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE			X		SAME	1351		FALSE	TRUE	1954	0.24	5	ST
66	LC-2	549397067519	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE			X		SAME	1350		FALSE	TRUE	1955	0.26		ST
67	LC-2	549387959184	MAIN RD. E.	YES	SF	1	1	FALSE	NO	FALSE		X			NO LAUNDRY	1247	7/30/2002	TRUE	FALSE	1960	0.35	18	ST
68	LC-2	549387867132	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE			X		SAME	1359	7/30/2002	FALSE	FALSE	1854	2.65		ST
69	LC-2	549387744717	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1245	7/30/2002	TRUE	FALSE	1900	0.51	RENTAL	ST
70	LC-2	549387738587	MAIN RD. E.	YES	SF	0	1	TRUE															

Vera Cruz Needs Survey Data

	Type of Absorption Field	Confirmed/Suspected Cesspool	ESM	Unknown System Type	Age of Current System	Current System Permitted	Number of bedrooms	Frequency of Problem Occurance	System repaired	Date of last repair	Type of Repair	Septic tank pumped	Frequency of pumping	Water Supply	Type of well	Well cased	Depth of well	Well water treated	Type of treatment	Home Water Softener	Water Tested	Water Quality	Fema Flood	Spatial problems for any repair	ID	City
1	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE																	
2	IT	FALSE	FALSE	FALSE	31	TRUE	0	SEASONALLY	FALSE		PUMP AS NEEDED	TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1354	EMMAUS
3	IB	FALSE	FALSE	FALSE	40	TRUE	3	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	TRUE	CHLORINE	FALSE	TRUE	TRUE	NO	YES	1355	EMMAUS
4	ESM	FALSE	TRUE	FALSE	11	TRUE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	TRUE	NO	NO	1356	EMMAUS
5	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1363	EMMAUS
6	ESM	FALSE	TRUE	FALSE	14	TRUE	0		TRUE		NEW ESM	TRUE	14	WELL	DRILLED	FALSE	300	FALSE		FALSE	TRUE	FALSE	NO	NO	1366	EMMAUS
7	IG	FALSE	FALSE	TRUE			3																			
8	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1369	EMMAUS
9	IB	FALSE	FALSE	FALSE	34	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1372	EMMAUS
10	ESM	FALSE	TRUE	FALSE	28	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	85	FALSE		FALSE	FALSE	FALSE	NO	YES	1200	EMMAUS
11	IB	FALSE	FALSE	FALSE	12	FALSE	0		TRUE		ADDED DRAINFIELD	TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1193	EMMAUS
12	IT	FALSE	FALSE	FALSE	30	TRUE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	185	FALSE		FALSE	FALSE	FALSE	NO	YES	1198	EMMAUS
13	IB	FALSE	FALSE	FALSE	0	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	90	FALSE		TRUE	TRUE	FALSE	NO	YES	1195	EMMAUS
14	IT	FALSE	FALSE	FALSE	32	FALSE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	110	FALSE		FALSE	TRUE	FALSE	NO	YES	1196	EMMAUS
15	IT	FALSE	FALSE	FALSE	15	TRUE	0		TRUE		ADDED DRAINFIELD	TRUE	6	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1197	EMMAUS
16	IB WITH SEEPAGE PIT	FALSE	FALSE	FALSE	23	TRUE	0		TRUE		ADDED PIT	TRUE	6	WELL	DRILLED	FALSE	84	FALSE		FALSE	TRUE	FALSE	NO	YES	1194	EMMAUS
17	ESM	FALSE	TRUE	FALSE	10	TRUE	0		TRUE		NEW ESM	TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1182	EMMAUS
18	ESM	FALSE	TRUE	FALSE	15	TRUE	0		TRUE		NEW ESM	TRUE	5	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1189	EMMAUS
19	IT	FALSE	FALSE	FALSE	26	FALSE	0		FALSE			TRUE	1	WELL	DRILLED	FALSE	250	FALSE		TRUE	FALSE	FALSE	NO	NO	1180	EMMAUS
20	IB	FALSE	FALSE	FALSE	30	TRUE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	400	FALSE		FALSE	TRUE	FALSE	NO	NO	1160	EMMAUS
21	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	110	FALSE		FALSE	TRUE	FALSE	NO	NO	1155	EMMAUS
22	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1158	EMMAUS
23	IB	FALSE	FALSE	FALSE	28	FALSE	0	SEASONALLY	TRUE	1/1/1976	NEW DRAIN AREA	TRUE	2	WELL	DRILLED	FALSE	130	FALSE		FALSE	TRUE	FALSE	NO	NO	1173	EMMAUS
24	IB	FALSE	FALSE	FALSE	44	FALSE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1161	EMMAUS
25	IT	FALSE	FALSE	FALSE	20	TRUE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	52	FALSE		FALSE	TRUE	FALSE	NO	YES	1157	EMMAUS
26	IB	FALSE	FALSE	FALSE	0	FALSE	0		TRUE		ADDED DRAINFIELD	TRUE	2	WELL	DRILLED	FALSE	150	FALSE		TRUE	TRUE	FALSE	NO	YES	1212	EMMAUS
27	IB	FALSE	FALSE	FALSE	14	TRUE	0		TRUE		REPLACED DRAINFIELD	TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1156	EMMAUS
28	ESM	FALSE	TRUE	FALSE	18	TRUE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1204	EMMAUS
29	IB	FALSE	FALSE	FALSE	25	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1201	EMMAUS
30	IB	FALSE	FALSE	FALSE	32	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1203	EMMAUS
31	IG	FALSE	FALSE	TRUE	11	TRUE	0		TRUE	1/1/1991	NEW DRAINFIELD	TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1202	EMMAUS
32	IB	FALSE	FALSE	FALSE	0	TRUE	0		FALSE			TRUE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1205	EMMAUS
33	IB	FALSE	FALSE	FALSE	0	TRUE	0	SEASONALLY	FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1213	EMMAUS
34	IB	FALSE	FALSE	FALSE	29	FALSE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	175	FALSE		TRUE	TRUE	FALSE	NO	YES	1207	EMMAUS
35	IB	FALSE	FALSE	FALSE	29	TRUE	0		TRUE		FIXED PIPES	TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1208	EMMAUS
36	IT	FALSE	FALSE	FALSE	15	TRUE	0		TRUE		NEW DRAINFIELD	TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1206	EMMAUS
37	ESM	FALSE	TRUE	FALSE	1	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1211	EMMAUS
38	IB & AT GRADE	FALSE	FALSE	FALSE	10	TRUE	0		TRUE	1/1/1992	NEW AT-GRADE BED	TRUE	3	WELL	DRILLED	FALSE	110	FALSE		FALSE	TRUE	FALSE	NO	YES	1199	EMMAUS
39		FALSE	FALSE	TRUE	34	TRUE	0	SEASONALLY	FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1209	EMMAUS
40	IB	FALSE	FALSE	FALSE	0	TRUE	0		TRUE		TANK REPLACED	TRUE	6	WELL	DRILLED	FALSE	85	FALSE		FALSE	TRUE	FALSE	NO	NO	1151	EMMAUS
41	IT	FALSE	FALSE	FALSE	48	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	103	FALSE		FALSE	TRUE	FALSE	NO	NO	1153	EMMAUS
42	IT	FALSE	FALSE	FALSE	44	FALSE	0		TRUE	1/1/1973	SYSTEM EXTENDED	TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1172	EMMAUS
43	IB	FALSE	FALSE	FALSE	40	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	90	FALSE		FALSE	TRUE	FALSE	NO	YES	1152	EMMAUS
44	IB	FALSE	FALSE	FALSE	21	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1154	EMMAUS
45	ESM	FALSE	TRUE	FALSE	1	TRUE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	188	TRUE	CHLORINE	TRUE	TRUE	TRUE	NO	NO	1192	EMMAUS
46	IB	TRUE	FALSE	FALSE	42	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	90	FALSE		TRUE	TRUE	FALSE	NO	YES	1191	EMMAUS
47	ESM	FALSE	TRUE	FALSE	2	TRUE	0		TRUE		NEW ESM	TRUE	2	WELL	DRILLED	FALSE	35	FALSE		FALSE	TRUE	FALSE	NO	NO	1190	EMMAUS
48	IT	FALSE	FALSE	FALSE	9	TRUE	0		TRUE		NEW SYSTEM	TRUE	4	WELL	DRILLED	FALSE	400	FALSE		TRUE	TRUE	FALSE	NO	NO	1189	EMMAUS
49		FALSE	FALSE	TRUE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1188	EMMAUS
50	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	1	WELL (SHARE)	DRILLED	FALSE	40	FALSE		FALSE	TRUE	FALSE	NO	YES	1187	EMMAUS
51	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1186	EMMAUS
52	UNKNOWN	FALSE	FALSE	TRUE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1185	EMMAUS
53		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	NONE		FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1367	EMMAUS
54	ESM	FALSE	TRUE	FALSE	14	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	220	FALSE		TRUE	TRUE	FALSE	NO	NO	1184	EMMAUS
55	IG	FALSE	FALSE	TRUE	0	FALSE	3		FALSE																	
56	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0													
57	IB	FALSE	FALSE	FALSE	51	FALSE	0		FALSE			FALSE	0							FALSE	FALSE	FALSE	NO	YES	1183	EMMAUS
58	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	1	WELL	DRILLED	FALSE	200	FALSE		FALSE	TRUE	FALSE	NO	NO	1182	EMMAUS
59	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	TRUE	CHLORINE	FALSE	TRUE	FALSE	NO	YES	1181	EMMAUS
60	IB	FALSE	FALSE	FALSE	25	FALSE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1177	EMMAUS
61	ESM	FALSE	TRUE	FALSE	12	TRUE	0		FALSE			TRUE	1	WELL	DRILLED	FALSE	73	FALSE		FALSE	TRUE	TRUE	NO	YES	1243	EMMAUS
62	IB	FALSE	FALSE	FALSE	60	FALSE	0		FALSE			TRUE	5	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1242	EMMAUS
63	IB	FALSE	FALSE	FALSE	60	FALSE	0		FALSE			TRUE	3	WELL		FALSE	18	FALSE		TRUE	TRUE	FALSE	NO	NO	1178	EMMAUS
64	IB	FALSE	FALSE	FALSE	49	FALSE	0		FALSE			TRUE	3	WELL		FALSE	0	FALSE		FALSE	TRUE	TRUE	NO	NO	1180	EMMAUS
65		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	HAND DUG	FALSE	0	FALSE		FALSE	TRUE	TRUE	NO	NO	1179	EMMAUS
66		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0							FALSE	FALSE	FALSE	NO	YES	1351	EMMAUS
67	IT	FALSE	FALSE	FALSE	42	FALSE	0		FALSE			FALSE	0							FALSE	FALSE	FALSE	NO	YES	1350	EMMAUS
68		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1247	EMMAUS
69	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1359	EMMAUS
70	IT	FALSE	FALSE	TRUE	0	FALSE	3	ALWAYS	FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1245	EMMAUS
71	IT	FALSE	FALSE	FALSE	0	FALSE	0	WEEKLY	TRUE		ADDED TRENCH & COVERED WITH	TRUE	1	WELL	DRILLED											
72	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0</									

Vera Cruz Needs Survey Data

Row	Needs Survey Area	PIN	Street Name	PSA	Unit Type	Occupants	Dwelling Units	Malfunction Observed	BTG	System Problems	Confirmed Malfunction	Suspected Malfunction	Potential Malfunction	No Malfunction	Gray Water	ID	Date of Visit	Owner present at visit	Owner Occupied	Date of Building Const.	Size of Property	Years Occupied	Primary Treatment
75	LC-2	549376995647	MAIN RD. E.	YES	COM.	0	0	FALSE	NO	FALSE		X			UNKNOWN		7/25/2002	TRUE	TRUE	1940	0.48		UNKNOWN
76	LC-2	549377524635	MAIN RD. E.	YES	SF	4	1	FALSE	NO	FALSE				X	SAME	1352	7/30/2002	TRUE	TRUE	2002	1.16	2	ST
77	LC-2	549376974118	MAIN RD. E.	YES	SF	1	1	FALSE	NO	FALSE		X			SAME	1239	7/25/2002	TRUE	TRUE	1948	0.50	20	ST
78	LC-2	549376782774	MAIN RD. E.	YES	SF	4	1	FALSE	YES	FALSE	X				SAME	1237	7/25/2002	TRUE	TRUE	0	1.76	10	ST
79	LC-2	549376864411	MAIN RD. E.	YES	SF	1	1	FALSE	NO	TRUE	X				SAME	1236	7/25/2002	TRUE	TRUE	1950	0.50	1	ST
80	LC-2	549376669202	MAIN RD. E.	YES	SF	1	1	FALSE	NO	TRUE	X				SAME	1235	7/25/2002	TRUE	TRUE	1950	0.45	8	ST
81	LC-2	549376568035	MAIN RD. E.	YES	SF	1	1	FALSE	NO	FALSE			X		SAME	1233	7/27/2002	TRUE	TRUE	1951	0.26	40	ST
82	LC-2	549376356432	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1231	7/25/2002	FALSE	FALSE	1962	0.26	RENTAL	ST
83	LC-2	549376259284	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE	X				SURFACE DISCHARGE	1229	7/26/2002	TRUE	TRUE	1956	0.26	46	ST
84	LC-2	549376145000	MAIN RD. E.	YES	SF	6	1	FALSE	NO	FALSE		X			SAME	1230	7/26/2002	TRUE	TRUE	1924	904	15	ST
85	LC-2	549376036822	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1234	7/27/2002	TRUE	TRUE	1926	0.42	20	ST
86	LC-2	549366938640	MAIN RD. E.	YES	SF	1	1	FALSE	YES	FALSE	X				SAME	1232	7/26/2002	TRUE	TRUE	1948	0.77	54	ST
87	LC-2	549367807256	MAIN RD. E.	YES	SF	5	1	FALSE	YES	FALSE	X				SAME	1228	7/26/2002	TRUE	TRUE	1854	17.75	11	ST
88	LC-2	549376208972	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1227	7/24/2002	TRUE	TRUE	1987	19.20	15	ST
89	LC-2	549366617326	MAIN RD. E.	YES	MF	3	2	TRUE	NO	TRUE	X				UNKNOWN	1226	7/24/2002	TRUE	TRUE	1949	3.40	20	ST
90	LC-2	549366527537	MAIN RD. E.	YES	SF	3	1	FALSE	NO	FALSE		X			SAME	1225	7/24/2002	TRUE	TRUE	1949	303.00	14	2 ST
91	LC-2	549366418916	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE	X				SURFACE DISCHARGE	1224	7/24/2002	FALSE	FALSE	1948	0.50	RENTAL	ST
92	LC-2	549365470244	MAIN RD. E.	YES	SF	4	1	FALSE	NO	TRUE	X				SAME	1223	7/24/2002	TRUE	TRUE	1990	1.17	12	ST
93	LC-2	549366306129	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE		X			SAME	1222	7/24/2002	TRUE	TRUE	1956	1.07	46	ST
94	LC-2	549366250463	MAIN RD. E.	YES	MF	0	2	FALSE	NO	TRUE	X				UNKNOWN	1244	7/30/2002	TRUE	FALSE	1900	10.00	RENTAL	R) & CESSPO
95	LC-2	549365280806	MAIN RD. E.	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1221	7/24/2002	FALSE	FALSE	1972	1.20	RENTAL	ST
96	LC-2	549365259820	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE			X		SAME	1220	7/24/2002	FALSE	TRUE	1990	1.20		ST
97	LC-2	549365069342	MAIN RD. E.	YES	SF & COM.	3	2	FALSE	NO	FALSE		X			SEPARATE SYSTEM	1219	7/24/2002	TRUE	TRUE	1955	1.80	40	ST
98	LC-2	549365332117	MAIN RD. E.	YES	SF	5	1	FALSE	NO	FALSE			X		SAME	1218	7/24/2002	TRUE	TRUE	1998	2.34	4	ST
99	LC-2	549355943854	MAIN RD. E.	YES	COM.	0	1	FALSE	NO	TRUE	X				NO LAUNDRY	1217	7/24/2002	FALSE	FALSE	1935	2.99		ST
100	LC-2	549355400413	MAIN RD. E.	YES	COM.	20	1	FALSE	YES	FALSE	X				SAME	1216	7/22/2002	TRUE	TRUE	1900	3.48		ST & CESSPO
101	LC-2	549355126319	MAIN RD. E.	YES	MF & COM.	0	8	FALSE	YES	FALSE	X				NO LAUNDRY	1215	7/22/2002	TRUE	TRUE	1900	1.00	23	ST
102	LC-2	549345913223	MAIN RD. E.	YES	SF	0	1	FALSE	NO	FALSE		X			UNKNOWN			FALSE	FALSE	1890	0.12		UNKNOWN
103	LC-2	549354193948	MAIN RD. E.	YES	MF	3	1	FALSE	YES	FALSE	X				SAME	1214	7/6/2002	TRUE	TRUE	1825	0.50	14	ST
104	LC-2	549345919415	MAIN RD. W.	YES	COM.	0		FALSE	NO	FALSE		X			SAME	1335	9/13/2002	FALSE	TRUE	1800	0.35		ST
105	LC-2	549344996467	MAIN RD. W.	YES	SF	2	1	FALSE	YES	FALSE	X				UNKNOWN	1322	10/16/2002	TRUE	TRUE	1870	0.50	1	ST
106	LC-2	549345910272	MAIN RD. W.	YES	SF	3	1	TRUE	NO	TRUE	X				FRENCH DRAIN	1323	10/16/2002	TRUE	TRUE	1900	0.25	8	ST
107	LC-2	549345817460	MAIN RD. W.	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1324	9/13/2002	TRUE	TRUE	1889	0.25	2	ST
108	LC-2	549345814481	MAIN RD. W.	YES	SF	3	1	FALSE	YES	FALSE	X				SEPARATE SYSTEM	1325	9/13/2002	TRUE	TRUE	1900	0.25	26	ST
109	LC-2	549344886693	MAIN RD. W.	YES	SF	3	1	TRUE	YES	FALSE	X				SURFACE DISCHARGE	1341	9/13/2002	TRUE	TRUE	1880	0.25	17	OL & HOLDIN
110	LC-2	549344882350	MAIN RD. W.	YES	SF	3	1	TRUE	YES	TRUE	X				SAME	1336	9/13/2002	TRUE	TRUE	1889	0.20	7	ST
111	LC-2	549345717124	MAIN RD. W.	YES	SF	1	1	FALSE	YES	FALSE	X				SAME	1338	9/13/2002	TRUE	TRUE	1850	0.31	12	ST
112	LC-2	549344763794	MAIN RD. W.	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1334	9/13/2002	TRUE	TRUE	1900	0.25	7	ST
113	LC-2	549345701991	MAIN RD. W.	YES	SF	3	1	FALSE	YES	FALSE	X				SAME	1329	10/17/2002	TRUE	TRUE	1875	1.55		ST
114	LC-2	549345606859	MAIN RD. W.	YES	SF	4	1	TRUE	YES	TRUE	X				SAME	1333	9/13/2002	TRUE	TRUE	1900	0.25	22	SPOOL/OLD V
115	LC-2	549344687293	MAIN RD. W.	YES	SF	2	1	TRUE	YES	TRUE	X				SAME	1330	9/13/2002	TRUE	TRUE	1870	0.34	22	CESSPOOL
116	LC-2	549344682018	MAIN RD. W.	YES	SF	2	1	FALSE	NO	FALSE		X			SURFACE DISCHARGE			FALSE	TRUE	1865	0.25	8	ST
117	LC-2	549345602744	MAIN RD. W.	YES	SF	4	1	FALSE	YES	TRUE	X				SAME	1320	10/16/2002	FALSE	TRUE	1840	0.25	6	ST
118	LC-2	549344574990	MAIN RD. W.	YES	SF	0	1	FALSE	YES	TRUE	X				SAME	1337	9/13/2002	TRUE	TRUE	1854	0.23		ST
119	LC-2	549345508673	MAIN RD. W.	YES	HALF TWIN	0	1	TRUE	YES	TRUE	X				SAME	1328	10/17/2002	FALSE	TRUE	1850	0.25	7	ST
120	LC-2	549345505537	MAIN RD. W.	YES	HALF TWIN	0	1	TRUE	YES	TRUE	X				SAME	1340	9/13/2002	FALSE	FALSE	1904	0.23	NTAL (VACA	ST
121	LC-2	549344456548	MAIN RD. W.	YES	SF		1	FALSE	NO	FALSE			X		SAME	1339	9/13/2002	FALSE	FALSE	1904	0.20	NTAL (VACA	ST
122	LC-2	549344473538	MAIN RD. W.	YES	SF	2	1	FALSE	NO	FALSE	X				SURFACE DISCHARGE			FALSE	FALSE	1994	1.70		ST
123	LC-2	549345500410	MAIN RD. W.	YES	SF	1	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1332	10/17/2002	TRUE	TRUE	1865	0.10	54	ST
124	LC-2	549344378119	MAIN RD. W.	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1327	10/17/2002	TRUE	TRUE	1854	1.00	40	ST
125	LC-2	549345402030	MAIN RD. W.	YES	SF	3	1	FALSE	NO	FALSE		X			SAME	1326	10/17/2002	FALSE	FALSE	1865	0.41	2 (RENTAL)	ST
126	LC-2	549344154975	MAIN RD. W.	YES	SF	4	1	FALSE	YES	FALSE	X				UNKNOWN	1331	10/17/2002	TRUE	TRUE	1900	0.25	15	ST
127	LC-2	549345304370	MAIN RD. W.	YES	SF	4	1	TRUE	NO	TRUE	X				SAME	1319	10/16/2002	TRUE	TRUE	1900	6.90	7	ST
128	LC-2	549345442913	MAIN RD. W.	YES	SF	2	1	FALSE	NO	TRUE	X				SURFACE DISCHARGE	1321	10/16/2002	TRUE	TRUE	1879	0.80	17	ST
129	LC-2	549335818765	MAIN RD. W.	YES	SF		1	FALSE	NO	FALSE			X		SAME	1318	10/16/2002	TRUE	TRUE	1979	1.00	.5	ST
130	LC-2	549334994466	MAIN RD. W.	YES	COM.	0	1	FALSE	YES	FALSE	X				SAME	1345	9/18/2002	FALSE	FALSE	1900	0.22	RENTAL	ST
131	LC-2	549335810412	MAIN RD. W.	YES	COM.	0	1	FALSE	NO	FALSE			X		SAME	1317	10/16/2002	FALSE	TRUE	0	1.18	E CO. GAR/HOLDING TAN	ST
132	LC-1	549319100220	MARION	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1316	10/16/2002	FALSE	TRUE	0	0.25	SOCIAL HALL	ST
133	LC-1	549318175966	MARION	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1368	9/23/2002	FALSE	TRUE	1966	0.25	36	ST
134	LC-2	549328398161	MILL RD.	YES	SF	4	1	FALSE	NO	FALSE			X		SAME		9/23/2002	FALSE	TRUE	1966	0.50	6	ST
135	LC-2	549328550245	MILL RD.	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1313	7/15/2002	TRUE	TRUE	1925	4.00	15	ST
136	LC-1	549318965730	MILL RD.	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1315	7/15/2002	TRUE	TRUE	1994	1.00	8	ST
137	LC-1	549318766673	MILL RD.	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1375	9/16/2002	TRUE	TRUE	1968	0.75	34	ST
138	LC-1	549318766673	MILL RD.	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1376	9/16/2002	TRUE	TRUE	1960	0.50	11	ST

Vera Cruz Needs Survey Data

Row	Type of Absorption Field	Confirmed/ Suspected Cesspool	ESM	Unknown System Type	Age of Current System	Current System Permitted	Number of bedrooms	Frequency of Problem Occurance	System repaired	Date of last repair	Type of Repair	Septic tank pumped	Frequency of pumping	Water Supply	Type of well	Well cased	Depth of well	Well water treated	Type of treatment	Home Water Softner	Water Tested	Water Quality	Fema Flood	Spatial	ID	City
75	UNKNOWN	TRUE	FALSE	TRUE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED		0			FALSE	TRUE	FALSE	NO	YES	1352	EMMAUS
76	IT GRADE BED ON +4 YR	FALSE	TRUE	FALSE	1	TRUE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1239	EMMAUS
77		FALSE	TRUE	TRUE	0	FALSE	0		FALSE			TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1237	EMMAUS
78	ESM	FALSE	TRUE	FALSE	10	TRUE	0		TRUE		NEW ESM	TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1236	EMMAUS
79	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1235	EMMAUS
80	2 IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	100	FALSE		TRUE	TRUE	FALSE	NO	YES	1233	EMMAUS
81	IB	FALSE	FALSE	FALSE	25	FALSE	0		TRUE		NEW DRAINFIELD	TRUE	4	WELL	DRILLED	FALSE	90	FALSE		TRUE	TRUE	FALSE	NO	NO	1231	EMMAUS
82	IB	FALSE	FALSE	FALSE	32	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1229	EMMAUS
83	IB	FALSE	FALSE	FALSE	46	FALSE	0		TRUE		REDONE DRAINFIELD	TRUE	4	WELL	DRILLED	FALSE	89	FALSE		TRUE	TRUE	FALSE	NO	YES	1229	EMMAUS
84	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	0	TRUE	CHLORINE	FALSE	TRUE	TRUE	NO	YES	1230	EMMAUS
85	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	5	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1234	EMMAUS
86	ESM	FALSE	TRUE	FALSE	9	TRUE	0		TRUE		NEW ESM	FALSE	0	WELL	DRILLED	FALSE	85	FALSE		FALSE	TRUE	FALSE	NO	YES	1232	EMMAUS
87	ESM	FALSE	TRUE	FALSE	11	TRUE	0		TRUE		NEW ESM	TRUE	3	WELL	DRILLED	FALSE	0	TRUE	UV LIGHT	TRUE	TRUE	TRUE	YES	YES	1228	EMMAUS
88	ESM	FALSE	TRUE	FALSE	15	TRUE	0		TRUE	1/1/1987	FIXED BROKEN PIPES	TRUE	3	WELL	DRILLED	FALSE	164	FALSE		FALSE	TRUE	FALSE	NO	NO	1227	EMMAUS
89	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1226	EMMAUS
90	2 IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	90	TRUE	UV LIGHT	FALSE	TRUE	FALSE	NO	YES	1225	EMMAUS
91	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0			FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1224	EMMAUS
92	IB	FALSE	FALSE	FALSE	12	TRUE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	150	FALSE		FALSE	TRUE	FALSE	NO	NO	1223	EMMAUS
93	IB	FALSE	FALSE	FALSE	0	FALSE	0		TRUE		REPAIRED DRAIN LINES	TRUE	1	WELL	DRILLED	FALSE	65	FALSE		FALSE	TRUE	FALSE	NO	YES	1222	EMMAUS
94		TRUE	FALSE	TRUE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	ELL (SHARED)		FALSE	0	FALSE		FALSE	FALSE	FALSE	YES	YES	1244	EMMAUS
95	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	1	WELL	DRILLED	FALSE	100	FALSE		FALSE	TRUE	FALSE	NO	YES	1221	EMMAUS
96		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1220	EMMAUS
97	IB	FALSE	FALSE	FALSE	0	FALSE	0		TRUE		ADDED DRAINFIELD	TRUE	1	WELL	DRILLED	FALSE	0	TRUE	UV LIGHT	FALSE	TRUE	FALSE	NO	YES	1219	EMMAUS
98	ESM	FALSE	TRUE	FALSE	4	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1218	EMMAUS
99	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	TRUE		NIEGHBOR SAID IT WAS DUG AT NIG	FALSE	0	WELL		FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1217	EMMAUS
100	IT	TRUE	FALSE	FALSE	0	FALSE	0		TRUE		STONE PIT AT END OF TRENCH	TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	TRUE	NO	YES	1216	EMMAUS
101	IB	FALSE	FALSE	FALSE	4	TRUE	0		TRUE		IND BOGGLING TANKS & CON. TO OLD SYS. I	TRUE	2	WELL	DRILLED	FALSE	110	TRUE	DDINE SYSTE	FALSE	TRUE	TRUE	YES	YES	1215	EMMAUS
102	IG	FALSE	FALSE	TRUE		FALSE	3		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1214	EMMAUS
103	IT	FALSE	FALSE	FALSE	14	TRUE	0		TRUE		NEW TRENCHES	TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1335	EMMAUS
104	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1322	EMMAUS
105	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1323	EMMAUS
106		FALSE	FALSE	TRUE	0	FALSE	0	WEEKLY	FALSE			TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1324	EMMAUS
107	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	0	TRUE	CHLORINE	FALSE	TRUE	TRUE	YES	YES	1325	EMMAUS
108	IT	FALSE	FALSE	FALSE	15	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	103	FALSE		FALSE	TRUE	FALSE	YES	YES	1326	EMMAUS
109	SSPOOL WITH LEACH LIN	TRUE	FALSE	FALSE	0	FALSE	0		TRUE		HOLDING TANK FOR TOILET WASTE & PUMP	TRUE	1	WELL	DRILLED	FALSE	110	FALSE		FALSE	FALSE	FALSE	NO	YES	1341	EMMAUS
110	IB	FALSE	FALSE	FALSE	7	TRUE	0	WEEKLY	TRUE		NEW FIELD- FAILED WITHIN 2 YEAR	TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1336	EMMAUS
111	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1338	EMMAUS
112	IB	FALSE	FALSE	FALSE	7	FALSE	0		TRUE		NEW BEDS	TRUE	4	WELL	DRILLED	FALSE	0	TRUE	UV LIGHT	FALSE	TRUE	TRUE	YES	YES	1334	EMMAUS
113		FALSE	FALSE	TRUE	0	FALSE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1329	EMMAUS
114	SSPOOL WITH LEACH LIN	TRUE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	YES	YES	1333	EMMAUS
115	SSPOOL WITH LEACH LIN	TRUE	FALSE	FALSE	0	FALSE	0	WEEKLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1330	EMMAUS
116	IT	FALSE	FALSE	FALSE	20	FALSE	3	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED					FALSE	FALSE	FALSE	NO	YES	1320	EMMAUS
117	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1327	EMMAUS
118	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	144	FALSE		TRUE	TRUE	TRUE	YES	YES	1337	EMMAUS
119		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0			FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1328	EMMAUS
120	IB	FALSE	FALSE	FALSE	0	FALSE	0	WEEKLY	FALSE		GROUND & STONE OVER WET SPOT & PUM	TRUE	1	ELL (SHAR	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1340	EMMAUS
121	IB	FALSE	FALSE	FALSE	0	FALSE	0	WEEKLY	FALSE		GROUND & STONE OVER WET SPOT & PUM	TRUE	1	ELL (SHAR	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1339	EMMAUS
122	ESM	FALSE	TRUE	FALSE	10	TRUE						TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1332	EMMAUS
123	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1327	EMMAUS
124	IT	FALSE	FALSE	FALSE	20	TRUE	0		FALSE			TRUE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1326	EMMAUS
125	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1331	EMMAUS
126	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	YES	YES	1319	EMMAUS
127	ESM	FALSE	TRUE	FALSE	6	TRUE	0		FALSE			TRUE	4			FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1321	EMMAUS
128	IT	FALSE	FALSE	FALSE	0	FALSE	0	WEEKLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1318	EMMAUS
129	IT	FALSE	FALSE	FALSE	23	TRUE	0	SEASONALLY	FALSE		TESTED FOR ESM	TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1345	EMMAUS
130	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1317	EMMAUS
131	NONE	FALSE	FALSE	FALSE	0	TRUE	0		FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1316	EMMAUS
132	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1368	EMMAUS
133	IG	FALSE	FALSE	TRUE	36	FALSE	0		FALSE			TRUE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES		EMMAUS
134	IT	FALSE	FALSE	FALSE	5	TRUE	3		TRUE	1997		TRUE	3	WELL	DRILLED					FALSE	TRUE	FALSE	YES	NO	1313	EMMAUS
135	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	300	FALSE		FALSE	TRUE	FALSE	NO	NO	1315	EMMAUS
136	IB	FALSE	FALSE	FALSE	8	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1375	EMMAUS
137	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1376	EMMAUS
138	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES		EMMAUS

Vera Cruz Needs Survey Data

Row	Needs Survey Area	PIN	Street Name	PSA	Unit Type	Occupants	Dwelling Units	Malfunction Observed	BTG	System Problems	Confirmed Malfunction	Suspected Malfunction	Potential Malfunction	No Malfunction	Gray Water	ID	Date of Visit	Owner present at visit	Owner Occupied	Date of Building Const.	Size of Property	Years Occupied	Primary Treatment
139	LC-1	549328010980	MILL RD.	YES	SF	0	1	FALSE	NO	FALSE		X						FALSE	FALSE	1949	11.50		ST
140	LC-1	549318556038	MILL RD.	YES	SF	2	1	TRUE	NO	TRUE	X						9/23/2002	FALSE	TRUE	1920	0.90		ST
141	LC-1	549308928388	MILL RD.	YES	SF	2	1	FALSE	NO	FALSE				X	SAME	1365	9/23/2002	TRUE	TRUE	1955	0.29	7	ST
142	LC-1	549318053389	MILL RD.	YES	SF		1	FALSE	NO	FALSE		X					9/23/2002	FALSE	TRUE	1934	1.20		ST
143	LC-1	549308717004	MILL RD.	YES	SF	2	1	FALSE	NO	FALSE				X	SAME		9/23/2002	FALSE	TRUE	1989	1.67	13	ST
144	LC-1	549308850795	MILL RD.	YES	SF		1	FALSE	NO	FALSE			X				9/23/2002	FALSE	TRUE	1972	2.00		ST
145	LC-1	549308720768	MILL RD.	YES	SF	0	1	FALSE	YES	FALSE	X				SAME	1367	9/23/2002	FALSE	FALSE	1970	0.75	VACANT	ST
146	LC-1	549308525795	MILL RD.	YES	SF	1	1	FALSE	YES	FALSE	X				SAME	1380	9/16/2002	TRUE	TRUE	1977	0.41	25	ST
147	LC-1	549308425783	MILL RD.	YES	SF	2	1	FALSE	YES	FALSE	X				SAME	1366	9/23/2002	TRUE	TRUE	1985	0.50	2	ST
148	LC-1	549308556247	MILL RD.	YES	MF & COM	0	2	FALSE	NO	FALSE		X			NO LAUNDRY	1360	9/23/2002	TRUE	TRUE	1970	2.00	USINESS w/	ST
149	LC-1	549308409301	MILL RD.	YES	SF	1	1	FALSE	NO	FALSE				X	SAME		9/23/2002	TRUE	TRUE	1984	2.42	19	ST
150	LC-1	549308362997	MILL RD.	YES	SF	2	1	FALSE	NO	FALSE				X	SAME		9/23/2002	TRUE	TRUE	1986	2.90	16	ST
151	LC-2	549337912431	QUARRY	YES	MF		3	FALSE	NO	FALSE			X		SAME			FALSE	FALSE	1850	2.40		ST
152	LC-2	549347039882	QUARRY	YES	SF	2	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1248	7/17/2002	TRUE	TRUE	1957	1.00	45	ST
153	LC-2	549357555400	QUARRY	NO	SF	3	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1252	7/17/2002	TRUE	TRUE	1950	0.50	42	ST
154	LC-2	549367159455	QUARRY	NO	SF	4	1	FALSE	NO	FALSE			X		SAME	1249	7/17/2002	TRUE	TRUE	1970	0.79	8	ST
155	LC-2	549357969974	QUARRY	NO	SF	2	1	FALSE	NO	FALSE				X	SAME	1251	7/17/2002	TRUE	TRUE	1985	0.75	25	ST
156	LC-2	549367262539	QUARRY	NO	SF	0	1	FALSE	NO	FALSE			X		SAME	1250	7/17/2002	FALSE	TRUE	1958	0.55		ST
157	LC-1	549319119733	SHIMERVILLE	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1371	9/23/2002	TRUE	TRUE	1962	0.33	21	ST
158	LC-1	549319324857	SHIMERVILLE	YES	SF	3	1	FALSE	NO	FALSE	X				SAME	1378	9/16/2002	TRUE	TRUE	1950	0.25	2	CESSPOOL
159	LC-1	549319202780	SHIMERVILLE	YES	SF	2	1	FALSE	YES	TRUE	X				SAME	1370	9/23/2002	TRUE	TRUE	1968	0.50	34	ST
160	LC-1	549319510773	SHIMERVILLE	YES	MF	7	3	FALSE	NO	FALSE			X		SAME	1379	9/16/2002	TRUE	TRUE	1958	1.20	44	ST
161	LC-1	549318296642	SHIMERVILLE	YES	SF	0	1	FALSE	NO	FALSE			X		SAME		9/16/2002	FALSE	TRUE	1968	0.39	34	ST
162	LC-1	549318289546	SHIMERVILLE	YES	SF	4	1	FALSE	NO	TRUE	X				SAME	1363	9/23/2002	TRUE	TRUE	1973	0.38	14	ST
163	LC-1	549318683039	SHIMERVILLE	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1377	9/16/2002	TRUE	TRUE	1920	3.98	17	ST
164	LC-1	549318269965	SHIMERVILLE	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1362	9/23/2002	TRUE	TRUE	1965	0.75	2	ST
165	LC-1	549318252484	SHIMERVILLE	YES	MF	3	2	FALSE	NO	FALSE			X		SAME	1361	9/23/2002	TRUE	TRUE	1930	1.25	15	ST
166	LC-1	549318455116	SHIMERVILLE	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1381	9/23/2002	TRUE	TRUE	1840	0.50	38	ST
167	LC-1	549318436516	SHIMERVILLE	YES	SF	4	1	FALSE	NO	TRUE	X				SAME	1382	9/23/2002	TRUE	TRUE	1987	1.00	15	ST
168	LC-1	549318139376	SHIMERVILLE	YES	SF	0	1	FALSE	NO	FALSE		X			SAME	1373	9/16/2002	FALSE	FALSE	1950	0.50		ST
169	LC-1	549318126692	SHIMERVILLE	YES	SF	0	1	FALSE	NO	FALSE		X			SAME	1364	9/23/2002	FALSE	TRUE	1941	0.22	3	ST
170	LC-1	549318329114	SHIMERVILLE	YES	SF	3	1	TRUE	NO	TRUE	X				SAME	1384	9/23/2002	TRUE	TRUE	1979	1.00	23	ST
171	LC-1	549318114910	SHIMERVILLE	YES	SF	0	1	FALSE	NO	FALSE		X			SAME	1374	9/16/2002	TRUE	TRUE	1938	0.38	2 MO.	ST
172	LC-1	549318300378	SHIMERVILLE	YES	SF	1	1	FALSE	NO	FALSE				X	SAME	1383	9/23/2002	FALSE	TRUE	1966	1.00	36	ST
173	LC-1	549308906173	SHIMERVILLE	YES	SF	0	1	FALSE	NO	FALSE				X	SAME		9/16/2002	FALSE	TRUE	1996	2.30	6	ST
174	SC-1	640318528780	SICKLE	YES	SF	4	1	FALSE	NO	FALSE		X			SAME	1168	6/20/2002	TRUE	TRUE	1972	1.30	28	ST
175	SC-1	640318341052	SICKLE	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1171	6/20/2002	TRUE	TRUE	1972	1.50	29	ST
176	SC-1	640318222512	SICKLE	YES	SF	1	1	FALSE	NO	FALSE				X	SAME	1169	6/20/2002	TRUE	TRUE	1975	1.27	.16	ST
177	SC-1	640318400581	SICKLE	YES	SF	4	1	FALSE	NO	FALSE				X	SAME	1170	6/20/2002	TRUE	TRUE	1997	1.50	.08	ST
178	SC-1	640318079828	SICKLE	YES	SF	2	1	FALSE	NO	FALSE				X	SAME	1164	6/20/2002	TRUE	TRUE	1971	1.25	31	ST
179	SC-1	640318056079	SICKLE	YES	SF	2	1	FALSE	NO	FALSE				X	SAME	1166	6/20/2002	TRUE	TRUE	1977	1.30	6	ST
180	SC-1	640318360770	SICKLE	YES	SF	6	1	FALSE	NO	FALSE			X		SAME	1174	6/20/2002	TRUE	TRUE	1972	1.20	8	ST
181	SC-1	640318298370	SICKLE	YES	SF	4	1	FALSE	YES	FALSE	X				SAME	1165	6/20/2002	TRUE	TRUE	1971	1.00	3.5	ST
182	SC-1	640318586674	SICKLE	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1163	6/20/2002	TRUE	TRUE	1975	1.15	2.5	ST
183	SC-1	640318454494	SICKLE	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1175	6/20/2002	TRUE	TRUE	0	1.00		ST
184	SC-1	640318760817	SICKLE	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1167	6/20/2002	TRUE	TRUE	1976	1.25	13	ST
185	SC-1	640318850225	SICKLE	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1176	6/20/2002	TRUE	TRUE	1976	1.00	26	ST
186	LC-2	549335753533	SPRUCE	YES	SF	1	1	FALSE	NO	FALSE			X		SAME	1349	9/18/2002	TRUE	TRUE	1953	0.33	50	ST
187	LC-2	549335758226	SPRUCE	YES	SF		1	FALSE	NO	FALSE		X			SAME		9/18/2002	FALSE	TRUE	1945	0.23		ST
188	LC-2	549335852073	SPRUCE	YES	SF	0	0	FALSE	NO	FALSE		X			SAME	1347	9/18/2002	FALSE	FALSE	1954	0.23		ST
189	LC-2	549335846754	SPRUCE	YES	SF	3	1	FALSE	NO	TRUE	X				SAME	1348	9/18/2002	TRUE	TRUE	1940	0.22	48	ST
190	LC-2	549335849342	SPRUCE	YES	SF	0	1	FALSE	NO	FALSE			X		SAME		9/18/2002	FALSE	FALSE	1939	0.22		ST
191	LC-2	549335725870	SPRUCE	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1346	9/18/2002	TRUE	TRUE	1949	0.19		ST
192	LC-2	549335939967	SPRUCE	YES	SF	2	1	FALSE	NO	FALSE		X			SEPARATE SYSTEM	1344	9/18/2002	TRUE	TRUE	1950	1.20	52	ST
193	LC-2	549345120839	SPRUCE	YES	SF	2	1	FALSE	NO	FALSE		X			SEPARATE SYSTEM	1343	9/18/2002	TRUE	TRUE	1940	1.04	2	ST
194	LC-2	549345113787	SPRUCE	YES	SF	4	1	TRUE	NO	TRUE	X				FRENCH DRAIN	1342	10/17/2002	TRUE	FALSE	1940	0.48	2	ST
195	LC-2	549329804907	VERA CRUZ	YES	SF		1						X							1930	3.35		ST
196	LC-2	549338063969	VERA CRUZ	YES	SF		1						X							1975	3.25		ST
197	LC-2	549328660552	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1311	10/17/2002	TRUE	TRUE	1980	3.50	5	ST
198	LC-2	549328741811	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE				X	SAME	1310	10/17/2002	TRUE	TRUE	1995	1.00	7	ST
199	LC-2	549328876272	VERA CRUZ	YES	SF	0	1	TRUE	NO	TRUE	X				SAME	1314	7/15/2002	FALSE	TRUE	1845	2.00	27	ST
200	LC-2	549328830012	VERA CRUZ	YES	SF	3	1	FALSE	NO	FALSE	X				SAME	1312	7/15/2002	TRUE	TRUE	1900	2.00	6	F & CESSPOOL

Vera Cruz Needs Survey Data

Row	Type of Absorption Field	Confirmed/Suspected Cesspool	ESM	Unknown System Type	Age of Current System	Current System Permitted	Number of bedooms	Frequency of Problem Occurance	System repaired	Date of last repair	Type of Repair	Septic tank pumped	Frequency of pumping	Water Supply	Type of well	Well cased	Depth of well	Well water treated	Type of treatment	Home Water Softner	Water Tested	Water Quality	Fema Flood	Spatial	ID	City
130	IG	FALSE	FALSE	TRUE										WELL	DRILLED							NO	NO		EMMAUS	
140	IG	FALSE	FALSE	TRUE			2							WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1365	EMMAUS
141	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE				NO	YES		EMMAUS	
142	IG	FALSE	FALSE	TRUE			3							WELL	DRILLED	TRUE						NO	NO		EMMAUS	
143	IB	FALSE	FALSE	FALSE	13	TRUE	3		FALSE													NO	NO		EMMAUS	
144	IB	FALSE	FALSE	TRUE	20	TRUE	2															NO	YES	1367	EMMAUS	
145	ESM EXPERIMENTAL	FALSE	TRUE	FALSE	5	FALSE	0		TRUE	BEST TECH. GUIDANCE ESM (1/4 OF S	FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1380	EMMAUS
146	IB	FALSE	FALSE	FALSE	0	TRUE	0		TRUE	NEW DRAINFIELD	TRUE	5	WELL	DRILLED	FALSE	139	FALSE			FALSE	TRUE	FALSE	NO	YES	1366	EMMAUS
147	ESM	FALSE	TRUE	FALSE	10	FALSE	0		TRUE	BEST TECH. GUIDANCE ESM OVER EXISTIN	TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	NO	1360	EMMAUS
148	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	2	WELL	DRILLED	TRUE	0	FALSE			FALSE	TRUE	FALSE	NO	NO		EMMAUS
149	IB	FALSE	FALSE	FALSE	20	TRUE	2		FALSE		TRUE	3	WELL	DRILLED	TRUE	0	FALSE			TRUE	TRUE	FALSE	NO	NO		EMMAUS
150	ESM	FALSE	TRUE	FALSE	16	TRUE	3		FALSE		TRUE	3	WELL	DRILLED								NO			EMMAUS	
151	IB	FALSE	FALSE	FALSE	40	FALSE	7		FALSE		TRUE	2	WELL	DRILLED	FALSE	40	FALSE			TRUE	TRUE	FALSE	YES	YES	1248	EMMAUS
152	IB	FALSE	FALSE	FALSE	45	FALSE	0		FALSE		TRUE	2	WELL	DRILLED	FALSE	102	FALSE			TRUE	TRUE	FALSE	YES	YES	1282	EMMAUS
153		FALSE	FALSE	TRUE	0	FALSE	0		FALSE		TRUE	2	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	NO	1249	EMMAUS
154	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1251	EMMAUS
155	IT	FALSE	FALSE	FALSE	27	FALSE	0		FALSE	NEW DRAINFIELD	TRUE	6	WELL	DRILLED	FALSE	420	FALSE			FALSE	FALSE	FALSE	NO	NO	1250	EMMAUS
156	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		FALSE	0	WELL		FALSE	0	FALSE			TRUE	TRUE	FALSE	NO	YES	1371	EMMAUS
158	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	10	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1378	EMMAUS
157	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	1	PUBLIC		FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1370	EMMAUS
158	SSPOOL WITH LEACH LIN	TRUE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE		TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1379	EMMAUS
159	IB	FALSE	FALSE	FALSE	34	FALSE	0		FALSE		TRUE	3	PUBLIC		FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES		EMMAUS
160	IT	FALSE	FALSE	FALSE	10	TRUE	0		FALSE					WELL	DRILLED					TRUE	TRUE	FALSE	NO	YES	1363	EMMAUS
161	IG	FALSE	FALSE	FALSE	34	FALSE	3		FALSE		TRUE	2	WELL	DRILLED	FALSE	0	FALSE			TRUE	TRUE	FALSE	NO	NO	1377	EMMAUS
162	IT	FALSE	FALSE	FALSE	29	TRUE	0	SEASONALLY	FALSE		TRUE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	NO	1377	EMMAUS
163		FALSE	FALSE	TRUE	0	FALSE	0		FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	NO	1361	EMMAUS
164	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1381	EMMAUS
165	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	1	WELL	DRILLED	FALSE	0	TRUE			FALSE	FALSE	FALSE	NO	YES	1382	EMMAUS
166	INGROUND	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE		TRUE	2	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	YES	1373	EMMAUS
167	IT	FALSE	FALSE	FALSE	15	TRUE	0	SEASONALLY	FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1364	EMMAUS
168		FALSE	FALSE	FALSE	0	FALSE	0		FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	NO	1384	EMMAUS
169		FALSE	FALSE	FALSE	0	FALSE	0		FALSE	CLEANED TANK-FIXED LEAKS	TRUE	5	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1374	EMMAUS
170	IB	FALSE	FALSE	FALSE	0	TRUE	0	SEASONALLY	FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	NO	1383	EMMAUS
171		FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	4	WELL	DRILLED	TRUE							NO	NO		EMMAUS	
172	IT	FALSE	FALSE	FALSE	12	TRUE	0		FALSE					WELL	DRILLED	FALSE	100	FALSE		FALSE	TRUE	FALSE	NO	NO	1168	EMMAUS
173	IT	FALSE	FALSE	FALSE	6	TRUE	3		FALSE		TRUE	2	WELL	DRILLED	FALSE	100	FALSE			TRUE	TRUE	FALSE	NO	NO	1171	EMMAUS
174	IB	FALSE	FALSE	FALSE	29	TRUE	0		TRUE	NEW SYSTEM	TRUE	1	WELL	DRILLED	FALSE	100	FALSE			TRUE	TRUE	FALSE	NO	NO	1169	EMMAUS
175	IB	FALSE	FALSE	FALSE	15	TRUE	0		TRUE	NEW DRAINFIELD	TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	NO	1170	EMMAUS
176	IB	FALSE	FALSE	FALSE	11	TRUE	0		TRUE		TRUE	3	WELL	DRILLED	FALSE	350	FALSE			TRUE	TRUE	FALSE	NO	NO	1164	EMMAUS
177	ESM	FALSE	TRUE	FALSE	5	TRUE	0		FALSE		TRUE	2	WELL	DRILLED	FALSE	0	TRUE	OUED IN OI		FALSE	TRUE	FALSE	NO	YES	1164	EMMAUS
178	ESM	FALSE	TRUE	FALSE	1	TRUE	0		TRUE	NEW ESM	TRUE	2	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	NO	1166	EMMAUS
179	IB (SUBSURFACE SAND)	FALSE	FALSE	FALSE	6	TRUE	0		TRUE	SYSTEM REPLACED	TRUE	2	WELL	DRILLED	FALSE	0	FALSE			TRUE	TRUE	FALSE	NO	NO	1174	EMMAUS
180	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	1	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	YES	1165	EMMAUS
181	IB	FALSE	FALSE	FALSE	0	FALSE	0		TRUE	TERRA LIFT	TRUE	3	WELL	DRILLED	FALSE	0	FALSE			TRUE	TRUE	FALSE	NO	NO	1163	EMMAUS
182	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		FALSE	4	WELL	DRILLED	FALSE	0	FALSE			TRUE	TRUE	FALSE	NO	NO	1175	EMMAUS
183	IB	FALSE	FALSE	FALSE	15	TRUE	0		TRUE	NEW DRAIN FIELD	TRUE	10	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	NO	1167	EMMAUS
184	IB	FALSE	FALSE	FALSE	30	FALSE	0		FALSE		TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	NO	1176	EMMAUS
185	IB	FALSE	FALSE	FALSE	26	TRUE	0	SEASONALLY	FALSE		TRUE	5	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	YES	1349	EMMAUS
186	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	10	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	YES		EMMAUS
187	IB	FALSE	FALSE	FALSE	0	FALSE	2	LUSH LAWN	FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1347	EMMAUS
188	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	4	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	NO	YES	1348	EMMAUS
189	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE		TRUE	4	WELL	DRILLED								NO	YES		EMMAUS	
190	IG	FALSE	FALSE	TRUE	0	FALSE	2		FALSE		FALSE	7	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1346	EMMAUS
191	IT	FALSE	FALSE	FALSE	53	FALSE	0		FALSE		TRUE	5	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1344	EMMAUS
192	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	NO	YES	1343	EMMAUS
193		FALSE	FALSE	TRUE	0	FALSE	0		FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	YES	YES	1342	EMMAUS
194	IT	FALSE	FALSE	FALSE	0	FALSE	0	ALWAYS	FALSE		FALSE	0	WELL	DRILLED	FALSE	0	FALSE									EMMAUS
195				TRUE			4																			EMMAUS
196				TRUE			4																			EMMAUS
197	IT	FALSE	FALSE	FALSE	16	TRUE	0		FALSE		TRUE	4	WELL	DRILLED	FALSE	0	TRUE	UV LIGHT		FALSE	TRUE	TRUE	NO	NO	1311	EMMAUS
198	IT	FALSE	FALSE	FALSE	7	TRUE	0		FALSE		TRUE	4	WELL	DRILLED	FALSE	0	FALSE			TRUE	TRUE	FALSE	YES	YES	1310	EMMAUS
199	GOES TO CREEK	FALSE	FALSE	FALSE	0	FALSE	0	WEEKLY	FALSE		TRUE	1	WELL	DRILLED	FALSE	0	FALSE			FALSE	FALSE	FALSE	YES	YES	1314	EMMAUS
200	ESSPOOL WITH LEACH	TRUE	FALSE	FALSE	0	FALSE	0		FALSE		TRUE	3	WELL	DRILLED	FALSE	0	FALSE			FALSE	TRUE	FALSE	YES	YES	1312	EMMAUS

Vera Cruz Needs Survey Data

Row	Needs Survey Area	PIN	Street Name	PSA	Unit Type	Occupants	Dwelling Units	Malfunction Observed	BTG	System Problems	Confirmed Malfunction	Suspected Malfunction	Potential Malfunction	No Malfunction	Gray Water	ID	Date of Visit	Owner present at visit	Owner Occupied	Date of Building Const.	Size of Property	Years Occupied	Primary Treatment
201	LC-2	549338127514	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE	X				SAME	1309	10/17/2002	FALSE	TRUE	2004	1.82	0	OLDING TAN
202	LC-2	549328910350	VERA CRUZ	YES	MF	5	4	TRUE	NO	TRUE	X				SAME	1308	10/17/2002	FALSE	FALSE	1900	1.48	20	ST
203	LC-2	549328901184	VERA CRUZ	YES	HALF TWIN	0	1	FALSE	NO	FALSE			X			1307		FALSE	FALSE	1850	0.33		
204	LC-2	549327994644	VERA CRUZ	YES	HALF TWIN	0	1	FALSE	NO	FALSE			X			1306	10/17/2002	FALSE	FALSE	1850	0.34	1	
205	LC-2	549337293215	VERA CRUZ	YES	MF		6	TRUE	YES	TRUE	X				SAME	1305	10/17/2002	TRUE	FALSE	1950	1.50	RENTAL	OLDING TAN
206	LC-2	549327989161	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X			1304	10/17/2002	FALSE	TRUE	1981	1.15		ST
207	LC-2	549337068358	VERA CRUZ	YES	SF	1	1	TRUE	NO	TRUE	X				UNKNOWN	1303	10/17/2002	TRUE	TRUE	1950	0.50	4	CESSPOOL
208	LC-2	549337460806	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1302	10/17/2002	TRUE	TRUE	1978	2.00	24	ST
209	LC-2	549337244256	VERA CRUZ	YES	SF		1	FALSE	NO	FALSE			X		UNKNOWN		10/17/2002	FALSE	FALSE	1963	0.48		
210	LC-2	549337332100	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X			1301	10/17/2002	TRUE	TRUE	1950	0.25	15	ST
211	LC-2	549337655228	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X			1300	7/18/2002	FALSE	TRUE	1986	4.00	18	ST
212	LC-2	549337629329	VERA CRUZ	YES	SF	4	1	FALSE	NO	FALSE		X			BLOCK PIT	1299	7/18/2002	TRUE	FALSE	1951	0.25	25	ST
213	LC-2	549337732652	VERA CRUZ	YES	SF	5	1	FALSE	NO	FALSE			X		SAME	1298	7/18/2002	TRUE	TRUE	1957	0.25	18	ST
214	LC-2	549337403294	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X			1297	7/18/2002	FALSE	FALSE	1934	2.90		
215	LC-2	549337943200	VERA CRUZ	YES	SF	1	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1296	7/17/2002	TRUE	TRUE	1982	0.21	12	ST
216	LC-2	549337835493	VERA CRUZ	YES	SF	4	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1295	7/17/2002	TRUE	TRUE	1952	0.17	7	ST
217	LC-2	549337820886	VERA CRUZ	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1294	7/17/2002	TRUE	TRUE	1968	0.25	15	ST
218	LC-2	549337725248	VERA CRUZ	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1293	7/17/2002	TRUE	TRUE	1957	0.18	9	ST
219	LC-2	549337618713	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1292	7/17/2002	TRUE	TRUE	1961	0.33	42	ST
220	LC-2	549336696123	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X		SAME	1290	10/16/2002	TRUE	TRUE	1991	1.00	11	ST
221	LC-2	549336563875	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X		SAME	1291	10/17/2002	FALSE	TRUE	1997	2.40		ST
222	LC-2	549336870877	VERA CRUZ	YES	SF	6	1	FALSE	NO	FALSE			X		SAME	1289	10/16/2002	TRUE	TRUE	1991	1.00	10	ST
223	LC-2	549336936523	VERA CRUZ	YES	PARK	0	0	FALSE	NO	FALSE		X			NO LAUNDRY	1288	10/16/2002	FALSE	TRUE	0			ST
224	LC-2	549346347164	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1287	10/16/2002	TRUE	TRUE	1966	0.50	36	ST
225	LC-2	549346433282	VERA CRUZ	YES	SF	3	1	TRUE	NO	TRUE	X				SURFACE DISCHARGE	1286	10/16/2002	TRUE	TRUE	1949	0.25	7	CESSPOOL
226	LC-2	549346635523	VERA CRUZ	YES	SF	5	1	FALSE	NO	FALSE			X		SAME	1285	7/16/2002	TRUE	TRUE	1850	1.20	4	ST
227	LC-2	549346429530	VERA CRUZ	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1284	10/16/2002	TRUE	TRUE	1951	0.25	14	F & CESSPOC
228	LC-2	549346316301	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1283	10/16/2002	TRUE	TRUE	1961	0.33	38	ST
229	LC-2	549346419848	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X					FALSE	FALSE	1952	0.29		
230	LC-2	549346307230	VERA CRUZ	YES	MF	0	4	FALSE	NO	FALSE		X						FALSE	FALSE	1929	1.00		ST
231	LC-2	549346509792	VERA CRUZ	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1282	10/16/2002	TRUE	TRUE	1900	0.25	7	ST
232	LC-2	549346921149	VERA CRUZ	YES	SF & COM.	2	1	FALSE	NO	FALSE			X		SAME	1281	7/16/2002	TRUE	TRUE	1927	2.62	11	ST
233	LC-2	549346603163	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X					FALSE	TRUE	1925	0.11		
234	LC-2	549346697467	VERA CRUZ	YES	SF		1	FALSE					X					FALSE	TRUE	1960	0.33		
235	LC-2	549346804485	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1280	7/16/2002	TRUE	TRUE	1929	0.34	4	ST
236	LC-2	549346781778	VERA CRUZ	YES	SF	0	1	TRUE	NO	TRUE	X				SURFACE DISCHARGE	1279	10/16/2002	FALSE	TRUE	1944	0.33	1	CESSPOOL
237	LC-2	549346899813	VERA CRUZ	YES	SF	3	1	FALSE	NO	FALSE	X				SAME	1278	7/16/2002	TRUE	TRUE	1925	0.17	1	CESSPOOL
238	LC-2	549346992403	VERA CRUZ	YES	SF	2	1	FALSE	YES	FALSE	X				SEPARATE SYSTEM	1276	7/16/2002	TRUE	TRUE	1940	0.17	33	CESSPOOL
239	LC-2	549345785146	VERA CRUZ	YES	SF	2	1	FALSE	NO	TRUE	X				SAME	1277	10/16/2002	TRUE	TRUE	1952	0.25	43	ST
240	LC-2	549345986770	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1275	7/16/2002	TRUE	TRUE	1946	0.47	22	ST
241	LC-2	549345778662	VERA CRUZ	YES	SF	2	1	FALSE	NO	TRUE	X				UNKNOWN	1274	10/16/2002	TRUE	TRUE	1952	0.33	22	ST
242	LC-2	549345769356	VERA CRUZ	YES	COM.	6	1	FALSE	NO	TRUE	X				SAME	1273	10/16/2002	TRUE	TRUE	1900	1.10	12	ST
243	LC-2	549356074652	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE		X			SAME (w/ french drain)	1272	7/16/2002	TRUE	TRUE	1968	0.45	36	ST
244	LC-2	549345850008	VERA CRUZ	YES	SF	4	1	FALSE	NO	FALSE			X		SAME	1271		TRUE	TRUE	1900	1.30	27	ST
245	LC-2	549345831865	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1270	7/16/2002	TRUE	TRUE	1960	0.30	15	ST
246	LC-2	549355169230	VERA CRUZ	YES	SF	2	1	FALSE	NO	FALSE			X		SAME	1269	7/16/2002	TRUE	TRUE	1999	2.87	2	ST
247	LC-2	549345933571	VERA CRUZ	YES	SF		1	FALSE	NO	FALSE			X					FALSE	TRUE	1960	0.45		
248	LC-2	549344986728	VERA CRUZ	YES	SF	3	1	TRUE	NO	TRUE	X				SAME	1268	7/16/2002	TRUE	TRUE	1860	0.25	39	ST
249	LC-2	549354195057	VERA CRUZ	YES	MF (TWIN)	4	1	FALSE	NO	FALSE		X			SAME	1266	7/15/2002	TRUE	TRUE	1879	0.33	49	ST
250	LC-2	549344986329	VERA CRUZ	YES	SF	4	1	FALSE	NO	TRUE	X				UNKNOWN	1267	7/15/2002	TRUE	TRUE	1860	0.25		ST
251	LC-2	549354185327	VERA CRUZ	YES	SF	4	1	TRUE	NO	TRUE	X				SAME	1265	7/15/2002	TRUE	TRUE	1860	0.20	14	ST
252	LC-2	549354185011	VERA CRUZ	YES	SF	1	1	FALSE	NO	FALSE			X		SAME	1261	7/15/2002	TRUE	TRUE	1900	0.13	47	ST
253	LC-2	549344976450	VERA CRUZ	YES	SF	3	1	FALSE	YES	TRUE	X				UNKNOWN	1264	7/15/2002	TRUE	TRUE	1900	0.20	25	ST
254	LC-2	549354174776	VERA CRUZ	YES	SF		1	FALSE	NO	FALSE			X		UNKNOWN		7/15/2002	FALSE	TRUE	1904	0.14		
255	LC-2	549344966309	VERA CRUZ	YES	SF	3	1	FALSE	NO	FALSE		X			UNKNOWN	1262	7/15/2002	TRUE	TRUE	1900	0.50	25	ST
256	LC-2	549354173271	VERA CRUZ	YES	MF	0	2	FALSE	YES	FALSE	X				SAME	1259	7/15/2002	TRUE	TRUE	1900	0.25		ST
257	LC-2	549344887108	VERA CRUZ	YES	SF	3	1	FALSE	NO	FALSE			X		SAME	1263	7/15/2002	TRUE	TRUE	1950	0.25		ST
258	LC-2	549344730746	VERA CRUZ	YES	SF	0	1	FALSE	NO	FALSE			X			1260	7/15/2002	FALSE	FALSE	1900	0.25		
259	LC-2	549354254170	VERA CRUZ	YES	MF	4	1	FALSE	NO	FALSE			X		SAME	1258	7/15/2002	TRUE	TRUE	1900	3.80	5	ST
260	LC-2	549354533456	VERA CRUZ	YES	SF & COM.	3	1	TRUE	NO	TRUE	X				FRENCH DRAIN	1257	7/15/2002	TRUE	TRUE	1976	5.00	26	ST

Vera Cruz Needs Survey Data

Row	Type of Absorption Field	Confirmed/ Suspected Cesspool	ESM	Unknown System Type	Age of Current System	Current System Permitted	Number of bedrooms	Frequency of Problem Occurance	System repaired	Date of last repair	Type of Repair	Septic tank pumped	Frequency of pumping	Water Supply	Type of well	Well cased	Depth of well	Well water treated	Type of treatment	Home Water Softner	Water Tested	Water Quality	Fema Flood	Spatial	ID	City
201	NONE	FALSE	FALSE	FALSE	0	FALSE	0		FALSE		HOLDING TANK INSTALLED - PUMPS AS N	FALSE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	YES	YES	1309	EMMAUS
202	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1308	EMMAUS
203		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0			FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1307	EMMAUS
204		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0			FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1306	EMMAUS
205	NONE	FALSE	FALSE	FALSE	10	TRUE	0		TRUE		HOLDING TANK INSTALLED - PUMPS AS N	TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	YES	YES	1305	EMMAUS
206	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1304	EMMAUS
207	SSPOOL WITH LEACH LIN	TRUE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1303	EMMAUS
208	IB	FALSE	FALSE	FALSE	24	TRUE	0		FALSE			TRUE	8	WELL		FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1302	EMMAUS
209		FALSE	FALSE	TRUE		FALSE			FALSE														NO	YES		EMMAUS
210		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1301	EMMAUS
211	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	YES	NO	1300	EMMAUS
212	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	5	WELL	DRILLED	FALSE	60	FALSE		FALSE	TRUE	FALSE	NO	YES	1299	EMMAUS
213	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	90	FALSE		FALSE	TRUE	FALSE	NO	YES	1298	EMMAUS
214		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0			FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1297	EMMAUS
215	IB	FALSE	FALSE	FALSE	20	FALSE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1296	EMMAUS
216	IB	FALSE	FALSE	FALSE	50	FALSE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	150	FALSE		TRUE	TRUE	FALSE	NO	YES	1295	EMMAUS
217	IB	FALSE	FALSE	FALSE	34	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1294	EMMAUS
218	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1293	EMMAUS
219	IT	FALSE	FALSE	FALSE	42	TRUE	0		FALSE			TRUE	5	WELL	DRILLED	FALSE	50	FALSE		FALSE	TRUE	FALSE	NO	YES	1292	EMMAUS
220	ESM	FALSE	TRUE	FALSE	11	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	217	FALSE		FALSE	TRUE	FALSE	NO	NO	1290	EMMAUS
221		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1291	EMMAUS
222		FALSE	FALSE	FALSE	10	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1289	EMMAUS
223	IT	FALSE	FALSE	FALSE	10	TRUE	0		FALSE			TRUE	2	WELL	DRILLED	FALSE	0	TRUE	UV LIGHT	FALSE	TRUE	TRUE	NO	NO	1288	EMMAUS
224	IB	FALSE	FALSE	FALSE	36	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	110	FALSE		FALSE	TRUE	FALSE	NO	YES	1287	EMMAUS
225	CESSPOOL	TRUE	FALSE	FALSE	0	FALSE	0	Y. PUMPS 2 TIMES	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1286	EMMAUS
226	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	TRUE	UV LIGHT	TRUE	TRUE	TRUE	NO	NO	1285	EMMAUS
227		TRUE	FALSE	TRUE	0	FALSE	0	TIMES A YEAR & C	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1284	EMMAUS
228	IB	FALSE	FALSE	FALSE	40	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	90	FALSE		FALSE	TRUE	FALSE	NO	YES	1283	EMMAUS
229		FALSE	FALSE	TRUE																						EMMAUS
230	IB	FALSE	FALSE	FALSE																						EMMAUS
231	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1282	EMMAUS
232	IB	FALSE	FALSE	FALSE	0	FALSE	0		TRUE		FIXED PIPES	TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	NO	1281	EMMAUS
233				TRUE			3																	YES		EMMAUS
234				TRUE			2																	YES		EMMAUS
235	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	5	WELL	DRILLED	FALSE	0	TRUE		TRUE	TRUE	FALSE	NO	YES	1280	EMMAUS
236		TRUE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			FALSE	0	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1279	EMMAUS
237		TRUE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	100	TRUE	UV LIGHT	FALSE	TRUE	TRUE	NO	YES	1278	EMMAUS
238	SSPOOL WITH LEACH LIN	TRUE	FALSE	FALSE	62	FALSE	0		TRUE		ADDED DRAIN LINES	TRUE	5	WELL	DRILLED	FALSE	125	FALSE		FALSE	TRUE	FALSE	NO	YES	1276	EMMAUS
239	IT	FALSE	FALSE	FALSE	50	FALSE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1277	EMMAUS
240	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		TRUE	FALSE	FALSE	NO	YES	1275	EMMAUS
241	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	TRUE	LIGHT/CHLOR	FALSE	TRUE	TRUE	NO	YES	1274	EMMAUS
242	UNKNOWN	FALSE	FALSE	TRUE	27	TRUE	0	SEASONALLY	FALSE			TRUE	10	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1273	EMMAUS
243	IT	FALSE	FALSE	FALSE	0	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	118	FALSE		TRUE	TRUE	FALSE	NO	YES	1272	EMMAUS
244	IB	FALSE	FALSE	FALSE	25	FALSE	0		TRUE		NEW DRAINFIELD ADDED	TRUE	3	WELL	DRILLED	FALSE	0	TRUE		FALSE	TRUE	FALSE	NO	NO	1271	EMMAUS
245	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	YES	YES	1270	EMMAUS
246	ESM	FALSE	TRUE	FALSE	2	TRUE	0		FALSE			FALSE	0	WELL	DRILLED	FALSE	200	FALSE		FALSE	TRUE	FALSE	YES	YES	1269	EMMAUS
247				TRUE			3																YES	YES		EMMAUS
248	IT	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	2	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1268	EMMAUS
249	IB WITH OVERFLOW PIT	FALSE	FALSE	FALSE	40	FALSE	0		FALSE			TRUE	5	WELL	DRILLED	FALSE	70	FALSE		FALSE	TRUE	FALSE	NO	YES	1266	EMMAUS
250	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	5	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1267	EMMAUS
251	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			TRUE	1	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	YES	1265	EMMAUS
252	IB	FALSE	FALSE	FALSE	36	FALSE	0		FALSE			TRUE	4	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE	NO	YES	1261	EMMAUS
253	IT	FALSE	FALSE	FALSE	0	TRUE	0	SEASONALLY	FALSE			TRUE	3	ELL (SHARED)	DRILLED	FALSE	80	FALSE		TRUE	FALSE	FALSE	NO	YES	1264	EMMAUS
254	UNKNOWN		FALSE	TRUE		FALSE	3	VACANT	FALSE														NO	YES		EMMAUS
255	IT	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	13	WELL	DRILLED	FALSE	65	FALSE		FALSE	TRUE	FALSE	NO	YES	1262	EMMAUS
256	IB	FALSE	FALSE	FALSE	14	TRUE	0		TRUE		BED REDONE FOR SALE OF HOME	TRUE	3	WELL	DRILLED	FALSE	70	FALSE		FALSE	TRUE	FALSE	NO	YES	1259	EMMAUS
257	IB	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE	3	ELL (SHARED)		FALSE	80	FALSE		TRUE	FALSE	FALSE	NO	YES	1263	EMMAUS
258		FALSE	FALSE	FALSE	0	FALSE	0		FALSE			FALSE	0			FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1260	EMMAUS
259	IB	FALSE	FALSE	FALSE	32	TRUE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	0	FALSE		TRUE	TRUE	FALSE	NO	NO	1258	EMMAUS
260	IB	FALSE	FALSE	FALSE	27	TRUE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	130	FALSE		FALSE	TRUE	FALSE	NO	NO	1257	EMMAUS

Vera Cruz Needs Survey Data

Row	Needs Survey Area	PIN	Street Name	PSA	Unit Type	Occupants	Dwelling Units	Malfunction Observed	BTG	System Problems	Confirmed Malfunction	Suspected Malfunction	Potential Malfunction	No Malfunction	Gray Water	ID	Date of Visit	Owner present at visit	Owner Occupied	Date of Building Const.	Size of Property	Years Occupied	Primary Treatment
260	LC-2	549354533455	VERA CRUZ	YES	SF & COM.	3	1	TRUE	NO	TRUE	X				FRENCH DRAIN	1257	7/15/2002	TRUE	TRUE	1976	5.00	26	ST
261	LC-2	549353089744	VERA CRUZ	YES	SF		1	FALSE	NO	TRUE	X							FALSE	FALSE	1900			
262	LC-2	549353182948	VERA CRUZ	YES	SF		1	FALSE	NO	FALSE		X						FALSE	FALSE	1850	0.50		
263	LC-2	549353171400	VERA CRUZ	YES	SF		1	FALSE	NO	FALSE			X					FALSE	TRUE	1920	1.19		ST
264	LC-2	549353595399	VERA CRUZ	YES	CHURCH	0	1	FALSE	NO	FALSE	X				NO LAUNDRY	1256	7/15/2002	TRUE	TRUE	0	5.65		HOLDING TAN
265	LC-2	549343659953	VERA CRUZ	NO	SF	2	1	FALSE	NO	FALSE		X			FRENCH DRAIN	1255	7/15/2002	TRUE	TRUE	1973	1.10	29	ST
266	LC-2	549352786320	VERA CRUZ	NO	SF	2	1	FALSE	NO	FALSE				X	SAME	1254	7/15/2002	TRUE	TRUE	1984	1.00	19	ST
267	LC-2	549352959102	VERA CRUZ	NO	SF	0	1	FALSE	NO	TRUE	X							FALSE	TRUE	1900	5.00		ST

Vera Cruz Needs Survey Data

Row	Type of Absorption Field	Confirmed/Suspected Cesspool	ESM	Unknown System Type	Age of Current System	Current System Permitted	Number of bedrooms	Frequency of Problem Occurance	System repaired	Date of last repair	Type of Repair	Septic tank pumped	Frequency of pumping	Water Supply	Type of well	Well cased	Depth of well	Well water treated	Type of treatment	Home Water Softner	Water Tested	Water Quality	Fema Flood	Spatial	ID	City
260	IB	FALSE	FALSE	FALSE	27	TRUE	0	SEASONALLY	FALSE			TRUE	3	WELL	DRILLED	FALSE	130	FALSE		FALSE	TRUE	FALSE	NO	NO	1257	EMMAUS
261	IG		FALSE	TRUE		FALSE	3	SEASONALLY														NO	YES		EMMAUS	
262	IG		FALSE	TRUE		FALSE	3															NO	YES		EMMAUS	
263	IB		FALSE	TRUE		FALSE	3															NO	NO		EMMAUS	
264	NONE	FALSE	FALSE	FALSE	0	FALSE	0		FALSE			TRUE		WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	YES	1256	EMMAUS
265	IB	FALSE	FALSE	FALSE	8	TRUE	0		TRUE		ADDED DRAINFIELD	TRUE	4	WELL	DRILLED	FALSE	258	FALSE		TRUE	TRUE	FALSE	NO	NO	1255	EMMAUS
266	IB	FALSE	FALSE	FALSE	35	FALSE	0		FALSE			TRUE	3	WELL	DRILLED	FALSE	100	FALSE		FALSE	TRUE	FALSE	NO	NO	1254	EMMAUS
267	IB	FALSE	FALSE	FALSE	0	FALSE	0	SEASONALLY	FALSE			FALSE	0	WELL		FALSE	0	FALSE		FALSE	FALSE	FALSE	NO	NO	1253	EMMAUS

**South Seventh Street
Needs Analysis Survey Data**

Insert
L.C.A. Map # 1

Vera Cruz
Project Area DEP Needs Analysis

26-Jul-05

**South 7th Street & Pike Road
DEP on-site Needs Analysis Results (*)**

PSA- 13		
<i>Total Number of Properties</i>	23	
<i>Vacant</i>	2	
Category	Number	% (1)
Confirmed Malfunctions	10	47.62%
Suspected Malfunctions	2	9.52%
Potential Malfunctions	6	28.57%
No Malfunctions	3	14.29%
Total Surveyed	21	

(1) % of surveyed properties

* Results based upon data provided by Brian Miller
UMIT SEO

S. Seventh St. Needs survey data

South 7th. Sreet study area

Property ID Number	BTG	Fema Flood	Spatial of Visit	Date of Visit	Owner present	Needs Survey Area	Act 537 Needs Area	Proposed Sewer Service Area	Street Name	City	State	Type of Unit	Number of Occupants	Number of Dwelling Units	Property Owned	Date Building Constructed	Property Size	Years Occupied	Primary Treatment	Type of Absorption Area	Cesspool	ESM	Unknown System Type	Laundry graywater	Age of Current System
1	549452736221	NO	NO	YES	6/5/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1976	.648	25	ST	IB	FALSE	FALSE	FALSE	SAME	25
2	549452835895	NO	NO	YES	6/5/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1986	.642	16	ST	IB	FALSE	FALSE	FALSE	SAME	16
3	549451260660	NO	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	5	1	TRUE	1976	.96	26	ST	IB	FALSE	FALSE	FALSE	SAME	0
4	549441907493	NO	NO	NO	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	1	1	TRUE	1898	10	17	ST	IB	FALSE	FALSE	TRUE	SAME	17
5	549462079333	NO	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1960	1	1	ST	IB	FALSE	FALSE	FALSE	SAME	42
6	549451056067	NO	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	1	1	TRUE	1874	1	56	ST	IB	FALSE	FALSE	TRUE	SHALLOW F	42
7	549451335600	NO	NO	NO	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1932	2.06	30	ST	IB	FALSE	FALSE	FALSE	SAME	0
8	549451494994	NO	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	3	1	TRUE	1983	1.669	20	ST	IT	FALSE	FALSE	FALSE	SAME	20
9	549451382073	NO	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1974	.93	27	ST	2 IB	FALSE	FALSE	FALSE	SAME	17
10	549451685266	NO	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	3	1	TRUE	1930	.2	15	CESSPOOL	CESSPOOL	TRUE	FALSE	TRUE	YARD	0
11	549462355740	YES	NO	YES	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	MF	2	2	TRUE	0	1.28	16	ST	IB	FALSE	FALSE	FALSE	YARD	0
12	549441931765	NO	NO	NO	6/6/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	4	1	TRUE	1976	.98	25	ST	IT	FALSE	FALSE	FALSE	SAME	25
13	549451568244	NO	NO	NO	6/20/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	MF	3	3	FALSE	1820	4.3	11	ST	IT	FALSE	FALSE	FALSE	SAME	11
14	549452811301	NO	NO	YES	6/20/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	1	1	TRUE	1985	1.03	11	ST	IT	FALSE	FALSE	FALSE	SAME	17
15	549462243716	NO	NO	YES	6/20/2002	TRUE	LL-2	YES	YES	S. PIKE RD. EMMAUS	PA	SF	2	1	TRUE	1928	1.29	74	CESSPOOL	IB	TRUE	FALSE	TRUE	STONE DRA	0
16	549462036583	NO	NO	YES	6/20/2002	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1976	1.23	26	ST	IB	FALSE	FALSE	FALSE	SAME	26
17	549451985227	NO	NO	NO	6/20/2002	FALSE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	0	1	TRUE	0	2.64		ST	IB	FALSE	FALSE	FALSE		0
18	549452960125	NO	NO	YES	6/20/2002	TRUE	LL-2	YES	YES	S. SIXTH ST. EMMAUS	PA	SF	0	1	TRUE	1950	1.9	10	CESSPOOL	CESSPOOL	TRUE	FALSE	FALSE	SAME	0
19	549451820803	NO	NO	NO	3/16/2005	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1850	2.9	30	ST	IB	FALSE	FALSE	FALSE	SAME	Unknown
20	549450682653	NO	NO	NO	3/16/2005	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1978	3.5	27	ST	IT	FALSE	FALSE	FALSE	SAME	27
21	549450282032	NO	NO	NO	3/16/2005	TRUE	LL-2	YES	NO	S. SEVENTH ST. EX EMMAUS	PA	SF	3	1	TRUE	1981	3	24	ST	IT	FALSE	FALSE	FALSE	SAME	24
22	549461058630	NO	NO	NO	3/21/2005	TRUE	LL-2	YES	YES	S. SEVENTH ST. EX EMMAUS	PA	SF	2	1	TRUE	1987	4.25	18	ST	IB	FALSE	FALSE	FALSE	SAME	18

S. Seventh St. Needs survey data

South 7th. Sreet study area

Property ID Number	Current System Permitted	Confirmed malfunction	Suspected malfunction	Potential malif.	No malif.	Problems w/ current system	WHEN	System repaired	Date of last repair	Type of Repair	Septic tank pumped	Frequency of pumping	Malfunction observed	Water Supply	Type of well	Well cased	Depth of well	Well water treated	Type of treatment	Home water softner	Water tested	Water Quality
1	549452738221	TRUE				TRUE	lush lawn	FALSE			TRUE	3	TRUE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
2	549452835895	TRUE		TRUE		FALSE		FALSE			FALSE	0	FALSE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
3	549451260660	FALSE	TRUE			TRUE		FALSE			TRUE	3	FALSE	WELL	DRILLED	FALSE	45	FALSE		FALSE	FALSE	FALSE
4	549441907493	TRUE			TRUE	FALSE	NONE	TRUE	1/1/1985	NEW SYS	TRUE	4	FALSE	WELL	DRILLED	FALSE	150	FALSE		TRUE	TRUE	FALSE
5	549462079333	FALSE	TRUE			TRUE	MONTHLY	FALSE			TRUE	2	FALSE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
6	549451056067	FALSE	TRUE			FALSE	NONE	FALSE			TRUE	2	FALSE	WELL	HAND DUK	FALSE	15	FALSE		FALSE	TRUE	FALSE
7	549451335600	FALSE	TRUE			TRUE	AFTER HEA	FALSE			TRUE	3	FALSE	WELL	DRILLED	FALSE	180	FALSE		FALSE	TRUE	FALSE
8	549451494994	TRUE	TRUE			TRUE	BEHIND SH	FALSE			TRUE	5	TRUE	WELL	DRILLED	FALSE	75	TRUE	ACID & IROF	FALSE	TRUE	FALSE
9	549451382073	TRUE		TRUE		FALSE		TRUE	1/1/1985	NEW DR/	TRUE	3	FALSE	WELL	DRILLED	FALSE	210	FALSE		FALSE	TRUE	FALSE
10	549451695266	FALSE	TRUE			TRUE	AFTER HEA	FALSE			TRUE	1	TRUE	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE
11	549462355740	TRUE	TRUE			FALSE		FALSE			TRUE	3	FALSE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
12	549441931765	TRUE		TRUE		FALSE		FALSE			TRUE	5	FALSE	WELL	DRILLED	FALSE	0	FALSE		FALSE	TRUE	FALSE
13	549451568244	TRUE	TRUE			TRUE	AFTER HEA	FALSE			TRUE	2	FALSE	WELL	DRILLED	FALSE	150	TRUE	UV LIGHT	TRUE	TRUE	TRUE
14	549452611301	TRUE		TRUE		FALSE		FALSE			TRUE	4	FALSE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
15	549462243716	FALSE	TRUE			FALSE		FALSE			TRUE	0	TRUE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
16	549462036583	TRUE		TRUE		FALSE		FALSE			TRUE	5	FALSE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
17	549451985227	FALSE			TRUE	FALSE		FALSE			FALSE	0	FALSE	WELL	DRILLED	FALSE	0	FALSE		FALSE	FALSE	FALSE
18	549452960125	FALSE	TRUE			TRUE	WEEKLY	FALSE			FALSE	0	FALSE	PUBLIC		FALSE	0	FALSE		FALSE	FALSE	FALSE
19	549451820803	FALSE		TRUE		FALSE		FALSE			TRUE	5	FALSE	Spring		FALSE	FALSE			FALSE	FALSE	FALSE
20	549450692653	TRUE	TRUE			TRUE	WEEKLY	FALSE			TRUE	5	TRUE	Spring		FALSE	FALSE			FALSE	FALSE	FALSE
21	549450282032	TRUE			TRUE	FALSE		FALSE			TRUE	3	FALSE	WELL	DRILLED	TRUE	180	TRUE	SOFTNER &	TRUE	TRUE	FALSE
22	549461058630	TRUE			TRUE	FALSE		FALSE			TRUE	3	FALSE	WELL	DRILLED	TRUE	0	TRUE	SOFTNER &	TRUE	TRUE	FALSE

Insert
L.C.A. Map # 2

South 7th Street
DEP Needs Analysis