

Gaper Taxroll Scrubber

---

Duncan Ferguson

Student ID: 871-641-260

Class: COMP-3006-2

Teacher: Dalton Crutchfield@du.edu



UNIVERSITY *of*  
DENVER

---

DANIEL FELIX RITCHIE SCHOOL OF  
ENGINEERING & COMPUTER SCIENCE

# Scope of Project



I/O

Import CSV, Scrub Names,  
Export CSV with new  
accounts



GUI

Display I/O, add options  
for type of scrub



User Friendly

Insure the code is user  
friendly



Python

Add complexity to the  
code, improve read ability



UNIVERSITY of  
DENVER

DANIEL FELIX RITCHIE SCHOOL OF  
ENGINEERING & COMPUTER SCIENCE

```
11
12 def lastnameswap(namesplit):
13     """This changes the order of the names. Example: Last, First, Middle
14     Ending Example: First, Middle, Last. The returned value is in string form"""
15     newname = "" # Creating a new blank string
16     z = 1
17     while z < len(namesplit):
18         newname += " " + namesplit[z] # adding a space then the name starting from the second position
19         z += 1
20     newname += " " + namesplit[0]
21     newname = newname.lstrip() # Stripping out the leading space
22     return newname
23
24
25 def lastnamesuffixswap(namesplit):
26     """This changes the order of the names if it sees a suffix for a swap. Example: Last, First, Middle, Suffix
27     Ending Example: First, Middle, Last, Suffix. The returned value is in string form"""
28     newname = ""
29     z = 1
30     while z < len(namesplit) - 1:
31         newname += " " + namesplit[z]
32         z += 1
33     newname += " " + namesplit[0] + " " + namesplit[-1] # Moves the lastname right before the suffix
34     newname = newname.lstrip()
35     return newname
36
37
38 def endoption(newnrasum):
39     """This function lets you choose whether to save the dictionary or
40     print it if newnrasum dictionary or saves it to a CSV File"""
41     print("\n\nThe Raw List has been scrubbed\n")
42     ending = input("Press 'P' or 'p' to print NRA Sum Dictionary\n"
43                  "Press 'S' or 's' to save CSV File\n"
44                  "Press 'Any other Key to Exit\n")
45     if ending == 's' or ending == 'S':
46         makefile(newnrasum) # This runs makefile()
47         print("File is now saved in the Same Directory")
48     elif ending == 'p' or ending == 'P': # Simple Printing of dictionary
49         print("Key = New Owner Name : Value = [NRA, Raw Name]")
50         print(newnrasum)
51     else:
52         exit()
```

# The Start

- Creation of the Blog Spot
  - <https://duncanfergusonpython.blogspot.com/2021/02/it-hit-me-today.html>
- Blog walks through the in steps that went into creating the Gaper Taxroll Scrubber.
- Starting Data
  - Program File
  - Raw Taxroll File
  - SF Accounts

Dropbox (Personal) > Duncan > PYTHON\_REPOSITORY > pythonsoftwaredevelopmentferguson > Gaper\_Taxroll\_Scrubber

Name	Date modified	Type	Size
Images	3/18/2021 5:39 AM	File folder	
Presentation	3/18/2021 11:05 AM	File folder	
Raw_Files	3/18/2021 11:28 AM	File folder	
Sales_Force_Accounts	3/18/2021 11:28 AM	File folder	
Scrubbed_Accounts	3/18/2021 11:42 AM	File folder	
Gaper_Taxroll_Scrubber.py	3/18/2021 11:41 AM	JetBrains PyCharm	13 KB

CH	NA	C	D	S	F	G	H	I	J	K	L	M	N	O	P
CH	NA	C	D	S	F	G	H	I	J	K	L	M	N	O	P
BATTLE	1	9999	100.7998	CAIN GEORGE R JR		Care of	Address	Loc	Book	Page	Legal Desc	Class	Account	Sale Date	Apr Min
BATTLE	1	9999	10.66	MIKE ROSS INC & WACO OIL			BOX 219 COALTON, V		1433	727	INT IN OR	3		167.00	0.00
BATTLE	1	9999	10.181	MIKE ROSS INC & WACO OIL & GAS			BOX 219 COALTON, V		1582	330	INT IN OR	3		4/3/2017	383.00
BATTLE	1	9999	100.500	MIKE ROSS INC OF WACO OIL & GAS			BOX 219 COALTON, V		1494	304	28.25 AC	3		4/3/2014	983.00
BATTLE	1	9999	200.39	MIKE ROSS INC & WACO OIL & GAS			BOX 219 COALTON, V		1582	407	1/6 CH 68	3		317.00	0.00
BATTLE	1	9999	0.8257	LAMBERT ROBERT BENJAMIN & MICHAEL WALTER LAMBERT			4826 QUEDO FL WOC		1497	855	1/2 98 WE	3		567.00	0.00
BATTLE	1	9999	0.9257	LAMBERT ROBERT BENJAMIN & MICHAEL WALTER LAMBERT			4826 QUEDO FL WOC		1497	855	1/2 46 W	3		167.00	0.00
BATTLE	1	9999	0.9261	LAMBERT ROBERT BENJAMIN & MICHAEL WALTER LAMBERT			4826 QUEDO FL WOC		1497	855	1/2 37.25	3		1,000.00	0.00
BATTLE	1	9999	10.11	OUTHER GORDON J			17951 SEQUOIA CRY NRA				INT IN GA	3		167.00	0.00
BATTLE	1	9999	100.126	HARWIN SHARON BROADWATER			7473 EL PRADO CT V WBS4			341	71 AC O R	3		6/6/2014	2,483.00
BATTLE	1	9999	100.2195	ICE JAMES			2533 SUNNIBROOK CT ABILENE, TX 79601				INT IN OR	3		167.00	0.00
BATTLE	1	9999	100.2532	WORKMAN ANDREW W			415 ACORN DR ACWORTH, GA 30102				INT IN OR	3		167.00	0.00
BATTLE	1	9999	100.92	ANDERWALD MARY ANN & RAYMOND GERARD FODOR & ALBERT THOMAS			2014 SOUTHWEST 61			0	1/2 48 AC	3		867.00	0.00
BATTLE	1	9999	100.93	ANDERWALD MARY ANN & RAYMOND GERARD FODOR			2014 SOUTHWEST 61ST AVE ADELPHI, TX 73601				1/2 36 AC	3		638.00	0.00
BATTLE	1	9999	100.94	ANDERWALD MARY ANN & RAYMOND GERARD FODOR			2014 SOUTHWEST 61			0	1/2 50 AC	3		883.00	0.00
BATTLE	1	9999	100.98	BURKE MARY JANE			125 BAY DR ANNAPC		1333	642	67.25 AC S	3		1,267.00	0.00
BATTLE	1	9999	100.246	SARGENT BERNARD R			605 BROAD ST ASHLAND, OH 44805				INT IN OR	3		167.00	0.00
BATTLE	1	9999	100.406	PARK GORDON			1521 GLADDING AVE NRA				INT IN OR	3		167.00	0.00
BATTLE	1	9999	100.1998	PARKER GORDON			1521 GLADDING AVE ASHTABULA, OH 44001				INT IN OR	3		167.00	0.00
BATTLE	1	9999	100.357	FAW ISSAC EST			% MONA 19681 FIVE POINTS RD ATHENS, OH 43701				4/5 121 AC	3		3,383.00	0.00
BATTLE	1	9999	100.2247	SCHILLHASE VICKI			1886 DIAMOND CREEK LN AUBORA, IL 60018				INT IN OR	3		306.00	0.00
BATTLE	1	9999	100.2198	ICHL WHL			3415 LATHIER DR AUSTIN, TX 78732				INT IN OR	3		167.00	0.00
BATTLE	1	9999	10.18	WEST JOHN W			107 ELM RD AVELLA, PA 15312				INT IN OR	3		167.00	0.00
BATTLE	1	9999	10.18	WEST RONALD L			36 OLIVER LN AVELLA, PA				INT IN OR	3		167.00	0.00
BATTLE	1	9999	100.742	WALLS ROBIN TUTTLE			1334 PISGAH CHURCH		1506	650	1/2 56 WE	3		867.00	0.00
BATTLE	1	9999	100.845	WHITE RA, P V L, MARY JO WHITE & ELIZABETH LUCY WHITE			% ELIZABE PO BOX 82 BALLY, PA 174		174	737	47.3 SEW	3		2,233.00	0.00
BATTLE	1	9999	100.852	WHITE RA, P V L, MARY JO WHITE & ELIZABETH LUCY			WHITE PO BOX 82 BALLY, PA 15503				34.41 SEW	3		167.00	0.00
BATTLE	1	9999	100.853	WHITE RA, P V L, MARY JO WHITE & ELIZABETH LUCY			WHITE PO BOX 82 BALLY, PA 15503				34.41 SEW	3		1,200.00	0.00
BATTLE	1	9999	100.1024	WHITE RA, P V L, MARY JO WHITE & ELIZABETH LUCY			WHITE PO BOX 82 BALLY, PA 15503				16.50 SEW	3		167.00	0.00
BATTLE	1	9999	100.845	WHITE RA, P V L, MARY JO WHITE & ELIZABETH LUCY			WHITE PO BOX 82 BALLY, PA 15503				16.50 SEW	3		167.00	0.00
					Type	RecentType	ParentID	BillingStr	BillingCh	BillingRef	BillingPos	BillingCo	BillingAcc	BillingInt	BillingOn Ship
						01211099000000000000	11. E. Mary Denver	80221	United St	CA	US				
						01211099000000000000	MI 25607 Wick Milliken	80543	United St	OR	US				
						01211099000000000000	MI 281 Mallor Grants Pa	97526	United St	OR	US				
						01211099000000000000	MI 1600 Brook Denver	80202	United St	OR	US				
						01211099000000000000	MI 3384 E. M. Fort Colli	80524	United St	OR	US				
						01211099000000000000	MI PO Box 33 Denver	80217	United St	OR	US				
						01211099000000000000	MI 523 Powers Sterling	80753	United St	OR	US				
						01211099000000000000	MI 2011 6th Greeley	80603	United St	OR	US				
						01211099000000000000	MI 1111 Civic Walnut Cr	94596	United St	CA	US				
						01211099000000000000	MI 281 Mallor Grants Pa	97526	United St	OR	US				
						01211099000000000000	MI 1085 W. E Sun City	85351	United St	AZ	US				
						01211099000000000000	MI 6053 E. Eu Centennial	80111	United St	OR	US				
						01211099000000000000	MI 3610 WOC CHEYENNE	82001	2017	United St	WY	US			
						01211099000000000000	MI 3032 Suns Evans	80620	United St	OR	US				
						01211099000000000000	MI P.O. Box 3 Yulsa	40146	United St	OK	US				
						01211099000000000000	MI P.O. Box 15 Sterling	80753	United St	OR	US				
						01211099000000000000	MI 7462 Tamr Fort Colli	80528	United St	OR	US				
						01211099000000000000	MI 10365 W Longmont	80504	United St	OR	US				
						01211099000000000000	MI 3180 Linc Denver	80216	United St	OR	US				
						01211099000000000000	MI PO Box 34 Tulsa	74101	United St	OK	US				
						01211099000000000000	MI 3427 Arroyo Cheyenne	82001	United St	WY	US				
						01211099000000000000	MI 4323 Wiro Reno	56672	United St	MT	US				
						01211099000000000000	MI PO Box 18 Tallulde	81435	United St	CO	US				
						01211099000000000000	MI 250 520 Greeley	80634	United St	OR	US				
						01211099000000000000	MI 30 Waters New York	10010	United St	NY	US				
						01211099000000000000	MI 19699 Ww Lufala	80645	United St	OR	US				
						01211099000000000000	MI 1201 Willi Denver	80218	United St	OR	US				
						01211099000000000000	MI 125 Rio Ingarm	78025	United St	TX	US				
						01211099000000000000	MI 6830 Plati Lathu	44460	United St	MO	US				
						01211099000000000000	MI 2629 Arroyo West Cov	91791	United St	CA	US				
						01211099000000000000	MI 821 Custer	57790	United St	SD	US				

# Main Function

- Asks user to upload a list
- Ask user to select columns with name
- Ask user to upload a master account file
- Ask user to select column with name
- Ask user to select return Id column
- Ask user where to save new accounts
- Glorified index(match()) with scrubbing abilities and user prompts

```
def main():
    """Main Function for running the code. Most of the sure prompts are located here."""

    # Asks User which file they would like to use for the Raw Tax Roll File
    rawlist = startoption("Welcome to the Gaper Taxroll.\nTo start we will have to import a\n\n"
                           "Click the start button to proceed.")

    # Asking User to select the column where the accounts that need to be scrubbed are located
    rawlist_account_col = HeaderGui("Click the button that contains the \nACCOUNTS/NAME/OWN\n\n"
                                     list(rawlist.columns.values))

    # Scrubbing names to be in proper form
    names_scrubbed_list = fixnames(rawlist, rawlist_account_col.choice)

    # Asking User to located Salesforce Accounts
    sf_accounts = startoption("We now have to select an update the salesforce accounts file\n\n"
                              "Click the update button to proceed.")

    # Asking user for column of name to be scrubbed and return Id column
    sf_account_col = HeaderGui("Click the button that contains the \nNAMES for comparing accounts\n\n"
                               list(sf_accounts.columns.values))

    sf_ids = HeaderGui("Click the button with the IDs to be returned", list(sf_accounts.columns.values))

    # Looking up the ids on from the selections
    raw_file_w_id = lookup_ids(names_scrubbed_list, sf_ids.choice, sf_accounts, sf_account_col.choice)

    # Creating new accounts sheet
    new_contacts = create_new_accounts(raw_file_w_id)

    # Prompting user to save new accounts sheet
    endoption(new_contacts)

if __name__ == "__main__":
    main()
```

# GUI Class Creation

- Creation of GUI's to help with user prompts
- Creation of GUI to help with selecting the correct columns
- Class function makes it easy to create new prompts without having to recode tkinter
- Functionality allows text to be passed through into the GUI

```
self.csvfilepanda = pd.DataFrame()

# Standard Box Design
self.master = Tk()
self.master.iconbitmap(default="Images/gaper_Taxpoll.ico") # This is the icon for display. Click off for submit
self.GUItitle = self.master.title("Gaper Taxpoll - Looping GUI")
self.boxsize = self.master.geometry("400x400") # Size of the Box

# Displaying print text
if print_text[0]:
    self.Topline = Label(self.master, text=print_text[1], pady=40).pack(pady=10) # Entry Text
# Looking to see if a first button should be created
if button_1[0]:
    self.myButton_1 = Button(self.master, text=button_1[1], padx=50, pady=10,
                             command=self.button_1_trigger).pack()
# Looking to see if a second button should be created
if button_2[0]:
    self.myButton_2 = Button(self.master, text=button_2[1], padx=50, pady=10,
                             command=self.button_2_trigger).pack(pady=10)
self.master.mainloop() # Looping Master to run tkinter

def button_1_trigger(self):
    """Return a true value for button_1_pushed"""
    self.button_1_pushed = True
    self.button_2_pushed = False
    self.master.quit()
```

```
"""The Headers GUI loops through a list of headers and displays them as push buttons. The class takes a prompt text
and then the buttons. It returns a string of column header that is selected."""

def __init__(self, text, header_list):
    self.root = tk.Tk()
    self.v = tk.IntVar()
    self.v.set(-1)
    self.root.title("Select A Column Header")
    self.Topline = Label(self.root, text=text, pady=10).pack(pady=10, padx=5) # Entry Text
    self.choice = ""
    self.header_list = header_list
    self.create_header_choice()
    self.root.mainloop()

def create_header_choice(self):
    """Looping through the header list to create buttons"""
    for name in range(len(self.header_list)):
        Radiobutton(self.root,
                    text=self.header_list[name],
                    indicatoron=0,
                    width=20,
                    variable=self.v,
                    command=self.selectchoice,
                    value=str(name)).pack()

def selectchoice(self):
    """Returning the choice of button - As the value of the list"""
```

# Fixing Names

- Re-wrote code to hand pandas
- Kept lastname and suffix swaps
- Open ability to plug in future code, i.e. machine learning
- Introduction to handling pandas more

```
def lastnameswap(namesplit):
    """This changes the order of the names. Example: Last, First, Middle
    Ending Example: First, Middle, Last. The returned value is in string form"""
    newname = "" # Creating a new blank string
    z = 1
    while z < len(namesplit):
        newname += " " + namesplit[z] # adding a space then the name starting from the second position
        z += 1
    newname += " " + namesplit[0]
    newname = newname.lstrip() # Stripping out the leading space
    return newname

def lastnamesuffixswap(namesplit):
    """This changes the order of the names if it sees a suffix for a swap. Example: Last, First, Middle, Suffix
    Ending Example: First, Middle, Last, Suffix. The returned value is in string form"""
    newname = ""
    z = 1
    while z < len(namesplit) - 1:
        newname += " " + namesplit[z]
        z += 1
    newname += " " + namesplit[0] + " " + namesplit[-1] # Moves the lastname right before the suffix
    newname = newname.lstrip()
    return newname
```

```
# These are the delimiters for suffix's
suffixtypes = ["JR", "II", "III", "IV", "V", "ESTATE", "TR", "TRUSTEE", "HEIRS"]

# List of company endings to skip on
companynames = ["LLC", "COMPANY", "ESTATE", "INC", "FON", "FOUNDATION", "EXPLORATION", "ROYALTIES", "CORP",
                "PARTNERSHIP", "INC", "CO", "LTD", "PARTNERS", "FON", "LP", "MINERALS", "PROPERTIES", "TRUST",
                "CORPORATION", "OIL"]

# Blank lists to append new data to
sf_account_names = []
company_account = []

# Looping through the names in the rawlist[nameindex] and replacing name order
for raw_name in rawlist[nameindex]:
    namesplit = raw_name.split(" ") # This takes the name, splits it into a list of names
    if len(namesplit) == 1:
        company_account.append("No")
        sf_account_names.append(raw_name)
    elif namesplit[-1] in companynames:
        company_account.append("Yes")
        sf_account_names.append(raw_name)
    elif namesplit[-1] in suffixtypes:
        company_account.append("No")
        sf_account_names.append(lastnamesuffixswap(namesplit))
    else:
        company_account.append("No")
        sf_account_names.append(raw_name)
```

# Lookup and Filter

- Panda lookup
  - Simple code
  - Took me forever to figure out and led to rewrites
- Filtering the accounts
  - Taking out the matching IDs
  - Taking out business accounts
  - Dedubbing names

```
"""This function is taking in two dataframes. And two indexes. Then returning the values from the second dataframe to
the new column in the first data frame"""

raw_file['SF_Account_IDs'] = raw_file.SF_Account_Names.map(
    sf_accounts.set_index(sf_name_index)[sf_ids].to_dict()) # Mapping and setting up a dictionary.
return raw_file

def create_new_accounts(raw_file):
    """This function takes the accounts. Filters out the companies and account with ID and makes a new contact file"""

    # Delimiters too look for a Street Address
    street_delimiters = ["RD", "LN", "AVE", "BLVD", "CREEK", "CT", "DR", "CIR", "PL", "ST",
                        "WAY", "TRL", "HWY", "RDG"]

    # Filtering through the look up accounts, getting rid of company accounts. And Accounts that already exist.
    new_accounts = raw_file[raw_file['SF_Account_IDs'].isnull()] # Filtering out accounts with id
    new_accounts = new_accounts[new_accounts['Company_Account'].isin(['No'])] # Filtering out company accounts
    headers = list(new_accounts.columns.values) # snagging headers
    new_accounts.sort_values('SF_Account_Names') # Sorting by Names
    address_header = HeaderGui("Select the Column with the ADDRESS that need scrubbing\n", headers)

    # Copying over just the names and addresses
    simple_accounts = new_accounts[['SF_Account_Names', address_header.choice]].copy()
    simple_accounts.sort_values('SF_Account_Names', inplace=True)
    simple_accounts.drop_duplicates(subset='SF_Account_Names', keep=False, inplace=True) # Redubbing based on names
```

```
# Parsing through the address and separating them out.
for row in simple_accounts[address_header.choice]:
    address_split = row.split(',') # Splitting address on ','
    state_zip = address_split[1].split(' ') # Splitting on ' '
    zip_codes.append(state_zip[1]) # Grabbing Zip Code
    states.append(state_zip[0]) # Grabbing state

    # If the second to last word is in street delimiters pull the city located to the right
    remainder_address = address_split[0].split(' ') # Splitting into a list on spaces
    if remainder_address[-2] in street_delimiters:
        city.append(remainder_address[-1])
        street_address.append(" ".join([str(elem) for elem in remainder_address[:2]]))

    # If the first two words match PO Box pull the rest of the city name to the right
    elif remainder_address[0] == 'PO' and remainder_address[1] == 'BOX':
        city.append(" ".join([str(elem) for elem in remainder_address[3:]])) # Adding City after PO num
        street_address.append(" ".join([str(elem) for elem in remainder_address[0:3]]))
    else:
        # Note, This is a catch all, the city is greater than two words.
        # The address is not a PO Box. The remainder address is stored in the street address so that the user
        # Can then go through and make manuel edits.
        city.append("***Check City***")
        street_address.append(" ".join([str(elem) for elem in remainder_address[:]]))

# Adding new columns to data frame
simple_accounts['Street_Address_Raw'] = street_address
```



# Save File and Conclusions

- Program is user friendly
- Produces save new account sheet
- Needs more work done to addresses for double names
- Learned a lot about classes, tkinter and pandas
- Can be expanded upon and turned into actual software
- Would love to plug machine learning into it to full go through complexities of names and addresses
- Want to learn how to save it as a python package and make it easy to send to other people

```
def endoption(panda_file):
    """This option asks the user if they would like to save their n
    dataframe and converts it into a csv through the GUI Class to b
    decide = GUI([True, "Where Would you Like to save the new Accou
    Note, you will have to check the cities be
    [True, "Exit"]) # Save option through looping gui
    if decide.button_1_pushed:
        filepath = asksaveasfile(defaulttextextension=".csv")
        filepath.write(panda_file.to_csv(header=True, index=False,
        exit()
    else:
        exit()
```

A	B	C	D	E
SF_Account_Names	Address	Street_Address_Raw	City	State
ADRIAN L HAUGHT	5280 DUPONT RD PARKERSBURG, WV 26101	5280 DUPONT	PARKERSBURG	WV
AGNES M RITZ	69 HESKELL AVE WHEELING, WV 26003	69 HESKELL	WHEELING	WV
ALEX HENNEN	4341 MASON DIXON HWY MAIDSVILLE, WV 26041	4341 MASON	MAIDSVILLE	WV
ALFRED L MANCINI	1228 PHILIP ST MORGANTOWN, WV 26501	1228 PHILIP	MORGANTOWN	WV
ALICE HAUGHT	PO BOX 62 WANA, WV 26590	PO BOX 62	WANA	WV
ALICE BALES GRAIGER	538 BUTTERNUT LN MATTHEWS, NC 28104	538 BUTTERNUT	MATTHEWS	NC
ALICE FAYE DEMASTUS	3 BUCKINHAM PL PINEHURST, NC 28374	3 BUCKINHAM	PINEHURST	NC
AMANDA M BURNS	454 MARANDA RUN RD GRAYSVILLE, PA 15337	454 MARANDA	GRAYSVILLE	PA
ANDREW M CUNNINGHAM	915 STOUT ST BRIDGEPORT, WV 26330	915 STOUT	BRIDGEPORT	WV
ANDREW W WORKMAN	415 ACORN DR ACWORTH, GA 30102	415 ACORN	ACWORTH	GA
APRIL RICCI	217 MAIN ST BENTLEYVILLE, PA 15314	217 MAIN	BENTLEYVILLE	PA
AUBREY HAUGHT	5280 DUPONT RD PARKERSBURG, WV 26101	5280 DUPONT	PARKERSBURG	WV
BARBARA A TAYLOR	PO BOX 93 HUNTER, WV 26575	PO BOX 93	HUNTER	WV
BARBARA ANN BELL TROUP	1000 GOOD HOPE RD MECHANICSBURG, PA 17050	1000 GOOD	MECHANICSBURG	PA
BARBARA CORBETT	626 CABOT CIR JONESVILLE, MI 49206	626 CABOT	JONESVILLE	MI
BARBARA E SHRYVER	9050 MASON DIXON HWY WADESTOWN, WV 26590	9050 MASON	WADESTOWN	WV
BARBARA ELLEN HENDERSON	1 NETHERLAND BLVD SCHENECTADY, NY 12308	1 NETHERLAND	SCHENECTADY	NY
BARBARA J HOBDAV	3197 MAYFLOWER LN SUMTER, SC 29150	3197 MAYFLOWER	SUMTER	SC
BARBARA P PALMER	215 BUCKHANNON AVE CLARKSBURG, WV 26301	215 BUCKHANNON	CLARKSBURG	WV
BARBARA SPODER	1336 WILSON CIR MORGANTOWN, WV 26505	1336 WILSON	MORGANTOWN	WV
BERNARD R SARGENT	605 BROAD ST ASHLAND, OH 44805	605 BROAD	ASHLAND	OH
BERTHA ELLEN PRICE	5280 DUPONT RD PARKERSBURG, WV 26101	5280 DUPONT	PARKERSBURG	WV
BETTY J CROSS	524 MILFORD ST MORGANTOWN, WV 26505	524 MILFORD	MORGANTOWN	WV
BETTY JEAN MCCONNELL	92 OGDEN FARM RD MOOREFIELD, WV 26836	92 OGDEN	MOOREFIELD	WV
BETTY LYNCH	440 DRUMMOND ST MORGANTOWN, WV 26505	440 DRUMMOND	MORGANTOWN	WV
BETTY M MANNING	40622 CARLISLE AVE ELYRIA, OH 44035	40622 CARLISLE	ELYRIA	OH
BILLY (JOT) ATKINS	3122 N ORESTONE DR MORGANTOWN, WV 26508	3122 N	MORGANTOWN	WV
BOB MICHAEL	96 MIDDLE FORK RD BURTON, WV 26502	96 MIDDLE	BURTON	WV
BONNIE CAIN	645 HILLWOOD DR MORGANTOWN, WV 26508	645 HILLWOOD	MORGANTOWN	WV
BONNY L CAIN	231 DEER AVE NICEVILLE, FL 32578	231 DEER	NICEVILLE	FL
BRYAN J SNEYDER	180 ROCKY RIDGE RD WAYNESBURG, PA 15370	180 ROCKY	WAYNESBURG	PA
C D TENNANT	5280 DUPONT RD PARKERSBURG, WV 26101	5280 DUPONT	PARKERSBURG	WV
C RAY MARTIN	5280 DUPONT RD PARKERSBURG, WV 26101	5280 DUPONT	PARKERSBURG	WV