

BE IT REMEMBERED THAT THERE WAS BEGUN AND HELD THE REGULAR MEETING OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPPI ON MAY 3, 2005 AT 7:00 P.M. IN THE BOARDROOM OF THE SAID CITY.

THOSE PRESENT	MAYOR TONY PHILLIPS
CITY ATTORNEY	DAPHNE LANCASTER (FOR THOMAS W TYNER)
ALDERMEN	MICHEAL W DRAUGHN WILLIE W HINTON JOE C MCMURRY, SR STEVE STRINGER WILLIAM A TRAVIS
OTHERS	LES & JANIE LEE NETTIE FARRIS WAYNE SCARBOROUGH PERCY SCARBOROUGH KIM STRINGER STEPHANIE STRINGER PENNY LUCKEL AND MANY OTHERS

THE MAYOR DECLARED A QUORUM PRESENT AND DECLARED THE CITY COUNCIL IN SESSION.

THE INVOCATION WAS OFFERED BY ALDERMAN WILLIE W HINTON.

WHEREAS, MAYOR PHILLIPS PRESENTED THE AGENDA WITH THE FOLLOWING AMENDMENTS:

- IX. GENERAL BUSINESS
22. REQUEST TO PAY INVOICE #13845 FROM SHOWS, DEARMAN, & WAITS, INC FOR PREPARATION OF PLANS & SPEC FOR FERNCREST LOOP IN AMOUNT OF \$4,050.00.
 23. REQUEST TO ADVERTISE FOR DRAINAGE IMPROVEMENTS ALONG FERNCREST LOOP
 24. REQUEST TO ACCEPT RECOMMENDATION FROM TOM HARDGES TO TERMINATE MARSHALL MCCARDLE FROM THE RECREATION DEPARTMENT.
 25. REQUEST TO ACCEPT THE RESIGNATION FROM RODRICK BLAND WITH THE POLICE DEPARTMENT AS DISPATCHER EFFECTIVE APRIL 30, 2005.
 26. REQUEST FROM CHIEF LEE SHELBORN TO SEND CHEV CORVETTE TO DURHAM AUCTION FOR SALE
 27. REQUEST TO ACCEPT THE RESIGNATION OF MARY LANGSTON FROM THE RECREATION DEPARTMENT.
 28. REQUEST TO PAY INVOICE #13839 FROM SHOWS, DEARMAN & WAITS, INC IN AMOUNT OF \$7,810.58 FOR CONSTRUCTION PHASE SERVICE FOR SEWER IN ANNEXED AREA.
 29. REQUEST TO PAY ESTIMATE #1 IN AMOUNT OF \$158,586.66 FOR SEWER EXTENTION TO SRS, INC.

THEREUPON, ALDERMAN STRINGER MADE A MOTION TO ADOPT THE AGENDA WITH THE FOREGOING AMENDMENTS. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE MINUTES OF THE REGULAR MEETING OF APRIL 19, 2005 AND THE SPECIAL MEETING OF APRIL 20, 2005.

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION THAT THE MINUTES OF THE REGULAR MEETING OF APRIL 19, 2005 AND THE SPECIAL MEETING OF APRIL 20, 2005 BE ADOPTED AS WRITTEN. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

THEREUPON, MICHELLE CHANDLER ADDRESSED THE MAYOR AND BOARD OF ALDERMEN CONCERNING THE FLOODING OF PROPERTY LOCATED ON BYRD AVENUE AND OGISLVIE. MS CHANDLER STATED THAT SOMEONE IS BUILDING A HOUSE ON BYRD AVENUE AND WANTS TO KNOW HOW THE BUILDERS COULD BUILD IN A FLOODING AREA. SHE WOULD JUST LIKE SOMETHING DONE ABOUT THE HOUSES BEING BUILT AND FLOODING HER YARD AND AROUND HER HOUSE.

THEREUPON, JAMES MOORE ADDRESSED THE MAYOR AND BOARD OF ALDERMEN ABOUT NOT CONTINUING THE SIDEWALK IN FRONT OF PETAL HARVEY BAPTIST CHURCH.

WHEREAS, MAYOR PHILLIPS STATED THAT THERE WAS AN EASEMENT ISSUE. PETAL HARVEY BAPTIST CHURCH WANTED THEIR SOD LEFT IN PLACE IN FRONT OF THE CHURCH.

THEREUPON, SHEILA EATON ADDRESSD THE MAYOR AND BOARD OF ALDERMEN REGARDING CONCERNS OF THE FRIENDLY PARK ON HILLCREST. SHE WOULD LIKE FOR THE CITY TO BUILD A WALKING TRACK AROUND FRIENDLY PARK SO IT WILL GIVE THE KIDS A NATURAL BARRIER FOR THE KIDS PLAYING AND THE MOTHERS COULD WALK AND STILL SEE THE CHILDREN AS THEY PLAY.

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST FROM JEFF FATHAU'S TO EXTEND THE USE OF THE TRAILER UNTIL CONSTRUCTION OF THE NEW FACILITY COULD BE FINISHED LOCATED AT 209 W 2ND AVENUE.

THEREUPON, ALDERMAN HINTON MADE A MOTION TO EXTEND THE USE OF THE TRAILER UNTIL SEPTEMBER 1, 2005 TO COINCIDE WITH THE COMPLETION OF CONSTRUCTION OF THE NEW BUILDING LOCATED AT 209 W 2ND AVENUE. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE MINUTES FROM THE PLANNING COMMISSION ON THE COMPREHENSIVE PLAN PUBLIC HEARING.

THEREUPON, ALDERMAN HINTON MADE A MOTION TO ACCEPT THE MINUTES FROM THE PLANNING COMMISSION. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE CITY OF PETAL COMPREHENSIVE PLAN FROM THE PLANNING COMMISSION.

SEE EXHIBIT "A"

COMPREHENSIVE PLAN

THEREUPON, ALDERMAN HINTON MADE A MOTION TO ADOPT THE COMPREHENSIVE PLAN FROM THE PLANNING COMMISSION WITH THE CHANGES AS NOTED. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST FROM JASON JONES, WATER DEPARTMENT, TO TERMINATE ANTHONY HINTON.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO ACCEPT THE RECOMMENDATION FROM JASON JONES, WATER DEPARTMENT, TO TERMINATE ANTHONY HINTON EFFECTIVE APRIL 20, 2005. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE SECURITY VULNERABILITY SELF-ASSESSMENT GUIDE FOR MISSISSIPPI'S PUBLIC WATER SYSTEMS FOR THE MS DEPARTMENT OF HEALTH FOR THE WATER DEPARTMENT.

SEE EXHIBIT "B"

SECURITY VULNERABILITY SELF-ASSESSMENT
GUIDE FOR MISSISSIPPI'S
PUBLIC WATER SYSTEMS

THEREUPON, ALDERMAN HINTON MADE A MOTION TO AUTHORIZE THE MAYOR TO ACCEPT THE SECURITY VULNERABILITY SELF-ASSESSMENT GUIDE FOR 2004. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE PUBLIC WATER SYSTEM EMERGENCY RESPONSE PLAN FOR THE MS DEPARTMENT OF HEALTH.FOR THE WATER DEPARTMENT.

SEE EXHIBIT "C"

PUBLIC WATER SYSTEM
EMERGENCY RESPONSE

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO ACCEPT THE EMERGENCY RESPONSE PLAN FOR THE MISSISSIPPI DEPARTMENT OF HEALTH FOR THE WATER DEPARTMENT. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A RECOMMENDATION TO APPOINT TIM ODOM AS JUDGE AND MARY CONVILLE AS PROSECUTOR IN A CONFLICTS CASE FOR THE CITY OF PETAL.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO APPOINT TIM ODOM AS JUDGE AND MARY CONVILLE AS PROSECUTOR IN A CONFLICTS CASE FOR THE CITY OF PETAL. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED AN INVOICE #234 FROM GRIFFIN ARCHITECTURE IN AMOUNT OF \$9,450.00 FOR DESIGNS ON THE NEW FIRE STATION #3.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO AUTHORIZE THE CITY CLERK TO PAY INVOICE #234 IN AMOUNT OF \$9,450.00 TO GRIFFIN

ARCHITECTURE FOR DESIGNS ON FIRE STATION #3. ALDERMAN DRAUGHN
SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE CLAIMS DOCKET #80907-
81283 FOR THE MONTH OF APRIL 2005 OF THE CITY OF PETAL GENERAL FUND AND
THE CITY OF PETAL WATER AND SEWER FUNDS.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO PAY CLAIMS
#80907-81283 FOR THE MONTH OF APRIL 2005 OF THE CITY OF PETAL GENERAL
FUND AND THE CITY OF PETAL WATER AND SEWER FUNDS CLAIM. ALDERMAN
DRAUGHN SECONDED THE MOTION.

THEREUPON, ALDERMAN DRAUGHN APPROVES THE CLAIM DOCKET FOR
THE MONTH OF APRIL 2005 WITH THE EXCEPTION OF PAYING THE MAYOR'S
SALARY.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE FOLLOWING PROOFS OF
PUBLICATION:

- A. ORDINANCE NUMBER 1979(42A-162)
- B. ORDINANCE NUMBER 1985(62A-3)

THEREUPON, ALDERMAN STRINGER MADE A MOTION THAT THE
FOREGOING BE ACCEPTED AND FILED. ALDERMAN DRAUGHN SECONDED THE
MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A RECOMMENDATION FROM THE
PLANNING COMMISSION TO GRANT THE ZONING CHANGE REQUEST FROM
CURRIE FAMILY INVESTMENTS ON THE PROPERTY LOCATED ON EVELYN GANDY
PARKWAY FROM R-F AND R-1 TO C-2.

SEE EXHIBIT "D"

ORDINANCE NUMBER 1979(42A-163)

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO ADOPT THE FOREGOING ORDINANCE 1979(42A-163) WITH THE STIPULATIONS TO COMBINE THE ZONING CHANGE APPLICATIONS FOR BOTH OF THE PARCELS WITH THE TOTAL ACREAGE BEING 11.837 ACRES, AND THAT THE 100 FT BUFFER STRIP ON THE NORTH AND WEST SIDE BE LEFT UNDISTURBED, NO LOGGING ROADS, NO TIMBER-CUTTING, NO ACCESS BACK AND FORTH THROUGH KING BLVD DURING CONSTRUCTION AND THAT THE STIPULATIONS OF THIS REZONE BE FILED WITH THE PLAT OF THE PROPERTY. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A RECOMMENDATION FROM THE PLANNING COMMISSION TO GRANT THE ZONING CHANGE REQUEST FROM JEFF FLATHAU'S ON THE PROPERTY LOCATED AT 209 W 2ND AVENUE FROM R-3 TO C-2.

SEE EXHIBIT "E"

ORDINANCE NUMBER 1979(42A-164)

THEREUPON, ALDERMAN STRINGER MADE A MOTION TO ADOPT THE FOREGOING ORDINANCE 1979(42A-164). ALDERMAN TRAVIS SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A RECOMMENDATION FROM THE PLANNING COMMISSION TO GRANT THE ZONING CHANGE REQUEST FROM CRAIG RAINEY ON THE PROPERTY LOCATED ON HERRINGTON ROAD FROM R-1 TO R-3.

SEE EXHIBIT "F"

ORDINANCE NUMBER 1979(42A-165)

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO ADOPT THE FOREGOING ORDINANCE 1979(42A-165). ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO APPROVE THE LOCAL CITATION ASSESSMENT OF \$10.00 FOR FUNDING OF WIRELESS RADIO COMMUNICATION.

SEE EXHIBIT "G"

LOCAL CITATION ASSESSMENT

THEREUPON, ALDERMAN HINTON MADE A MOTION TO ADOPT THE LOCAL CITATION ASSESSMENT OF \$10.00 FOR THE POLICE DEPARTMENT TO COLLECT FOR FUNDING OF WIRELESS RADIO COMMUNICATION RETROACTIVE BACK TO OCTOBER 2001. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST FROM FIRE CHIEF RICHARD BRYANT TO APPROVE 10% MATCH FOR THE FEMA GRANT THAT WAS AWARDED TO THE CITY OF PETAL IN AMOUNT OF \$5,900.00.

SEE EXHIBIT "H"

FEMA GRANT

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO AUTHORIZE THE CITY CLERK TO PAY THE 10% MATCH FOR THE FEMA GRANT OF \$5,900.00 THAT WAS AWARDED TO THE CITY OF PETAL FOR FIRE PREVENTION MATERIALS. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO AUTHORIZE THE WATER DEPARTMENT OFFICE MANAGER TO ADJUST WATER BILLS UP TO \$50.00 UNDER SPECIFIC GUIDELINES.

SEE EXHIBIT "I"

GUIDELINES FOR ADJUSTMENTS

THEREUPON, ALDERMAN HINTON MADE A MOTION TO AUTHORIZE THE WATER DEPARTMENT OFFICE MANAGER TO ADJUST WATER BILLS UP TO \$50.00. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN

ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A RECOMMENDATION TO AUTHORIZE THE MAYOR TO MAKE ADJUSTMENTS TO WATER BILLS THAT ARE OVER \$50.00

THEREUPON, ALDERMAN HINTON MADE A MOTION TO AUTHORIZE THE MAYOR TO MAKE ADJUSTMENTS TO WATER BILLS THAT ARE OVER \$50.00. ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO CHARGE ONE FLAT RATE SEWER FEE TO CUSTOMERS THAT HAVE ONLY SEWER CHARGE WITH THE CITY OF PETAL WATER DEPARTMENT.

THEREUPON, ALDERMAN TRAVIS MADE A MOTION TO FOR THE WATER DEPARTMENT OFFICE MANAGER TO SEND EACH CUSTOMER THAT HAS SEWER CHARGE ONLY IN THE CITY OF PETAL A LETTER TO LET THEM KNOW THAT THE SEWER CHARGE WILL BE A FLAT RATE OF \$19.25 PER CUSTOMER PER MONTH EFFECTIVE JULY 1, 2005. ALDERMAN HINTON SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO AUTHORIZE ONE-TIME ANNUAL ADJUSTMENT TO WATER BILLS OF RESIDENTS WHO FILL UP SWIMMING POOLS.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO AUTHORIZE THE WATER DEPARTMENT OFFICE MANAGER TO ALLOW ONE-TIME ANNUAL ADJUSTMENT TO WATER BILLS OF RESIDENTS WHO FILL UP SWIMMING POOLS. ALDERMAN TRAVIS SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST FOR THE WATER DEPARTMENT OFFICE MANAGE NOT TO ACCEPT ANY PARTIAL PAYMENTS.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO AUTHORIZE THE WATER DEPARTMENT OFFICE MANAGER NOT TO ACCEPT ANY PARTIAL PAYMENTS ON THE WATER BILLS. ALDERMAN HINTON SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

ALDERMAN MICHAEL W DRAUGHN

WHEREAS, MAYOR PHILLIPS PRESENTED AN INVOICE #13845 IN AMOUNT OF \$4,050.00 FROM SHOWS, DEARMAN, & WAITS, INC FOR PREPARATION OF PLANS & SPEC FOR FERNCREST DRIVE DRAINAGE

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO AUTHORIZE THE CITY CLERK TO PAY INVOICE #13845 IN AMOUNT OF \$4,050.00 FROM SHOWS, DEARMAN, & WAITS, INC FOR PREPARATION OF PLANS & SPEC FOR FERNCREST DRIVE DRAINAGE. ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO ADVERTISE FOR DRAINAGE IMPROVEMENTS ALONG FERNCREST LOOP.

THEREUPON, ALDERMAN STRINGER MADE A MOTION TO AUTHORIZE THE CITY CLERK TO ADVERTISE FOR DRAINAGE IMPROVEMENTS ALONG FERNCREST LOOP. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO ACCEPT THE RECOMMENDATION FROM TOM HARDGES TO TERMINATE MARSHALL MCCARDLE FROM THE RECREATION DEPARTMENT EFFECTIVE MAY 2, 2005.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO TERMINATE MARSHALL MCCARDLE FROM THE RECREATION DEPARTMENT EFFECTIVE MAY 2, 2005. ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A LETTER OF RESIGNATION FROM RODRICK BLAND WITH THE POLICE DEPARTMENT AS DISPATCHER

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO ACCEPT THE LETTER OF RESIGNATION FROM RODRICK BLAND OF THE POLICE DEPARTMENT AS DISPATCHER EFFECTIVE APRIL 30, 2005. ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST FROM POLICE CHIEF LEE SHELBURN TO SEND CHEVROLET CORVETTE TO DURHAM AUCTION FOR SALE.

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO AUTHORIZE CHIEF LEE SHELBURN TO SEND CHEVROLET CORVETTE TO DURHAM AUCTION FOR SALE. ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A LETTER OF RESIGNATION FROM MARY LANGSTON, SENIOR CITIZEN BUS DRIVER, FROM THE RECREATION DEPARTMENT

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO ACCEPT THE LETTER OF RESIGNATION OF MARY LANGSTON FROM THE RECREATION DEPARTMENT EFFECTIVE MAY 2, 2005. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON

ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED INVOICE #13839 IN AMOUNT OF \$7,810.58 FROM SHOWS, DEARMAN, & WAITS, INC FOR CONSTRUCTION PHASE SERVICE FOR ANNEXED AREA

THEREUPON, ALDERMAN TRAVIS MADE A MOTION TO AUTHORIZE THE CITY CLERK TO PAY INVOICE #13839 IN AMOUNT OF \$7,810.58 FROM SHOWS, DEARMAN, & WAITS, INC FOR CONSTRUCTION PHASE SERVICE FOR ANNEXED AREA. ALDERMAN DRAUGHN SECONDED THE MOTION:

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED AN INVOICE ESTIMATE #1 FROM SRS, INC IN AMOUNT OF \$158,586.66 FOR SEWER EXTENSION FOR NEWLY ANNEXED AREAS.

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO AUTHORIZE THE CITY CLERK TO PAY INVOICE #1 FROM SRS, INC IN AMOUNT OF \$158,586.66 FOR SEWER EXTENSION FOR NEWLY ANNEXED AREAS. ALDERMAN HINTON SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST FOR MAJOR SHAWN ELLIS TO ATTEND INSTRUCTOR TRAINING CERTIFICATION COURSE IN ANNISTON, AL JUNE 12-18, 2005

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO AUTHORIZE FOR MAJOR SHAWN ELLIS TO ATTEND INSTRUCTOR TRAINING CERTIFICATION COURSE IN ANNISTON, AL JUNE 12-18, 2005 WITH NO COST TO THE CITY. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE FOLLOWING ORDER HIRING MARIA CHRISTOPHER IN THE WATER DEPARTMENT.

ORDER

WHEREAS, THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPI DO HEREBY DEEM IT NECESSARY TO HIRE A METER READER IN THE WATER DEPARTMENT.

IT IS HEREBY ORDERED THAT MARIA CHRISTOPHER BE HIRED IN THE WATER DEPARTMENT AS METER READER AT A RATE OF \$6.50 PER HOUR EFFECTIVE MAY 11, 2005.

SO ORDERED ON THIS THE 3RD DAY OF MAY 2005.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO ADOPT THE FOREGOING ORDER. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE FOLLOWING ORDER PROMOTING BRYAN KIRK IN THE RECREATION DEPARTMENT.

ORDER

WHEREAS, THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPI DO HEREBY DEEM IT NECESSARY TO PROMOTE BRYAN KIRK IN THE RECREATION DEPARTMENT FROM PART-TIME TO FULL-TIME.

IT IS HEREBY ORDERED THAT BRYAN KIRK BE PROMOTED IN THE RECREATION DEPARTMENT AS FULL-TIME LABORER AT A RATE OF \$6.50 PER HOUR EFFECTIVE MAY 4, 2005.

SO ORDERED ON THIS THE 3RD DAY OF MAY 2005.

THEREUPON, ALDERMAN STRINGER MADE A MOTION TO ADOPT THE FOREGOING ORDER. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE FOLLOWING ORDER HIRING WILLIAM WILSON IN THE STREET DEPARTMENT.

ORDER

WHEREAS, THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPI DO HEREBY DEEM IT NECESSARY TO HIRE A LABORER IN THE STREET DEPARTMENT.

IT IS HEREBY ORDERED THAT WILLIAM WILSON BE HIRED IN THE STREET DEPARTMENT AS LABORER AT A RATE OF \$6.50 PER HOUR EFFECTIVE MAY 11, 2005.

SO ORDERED ON THIS THE 3RD DAY OF MAY 2005.

THEREUPON, ALDERMAN MCMURRY MADE A MOTION TO ADOPT THE FOREGOING ORDER. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE FOLLOWING ORDER PROMOTING MIRANDA DAVENPORT TO 2ND CLASS DISPATCHER

ORDER

WHEREAS, THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPI DO HEREBY DEEM IT NECESSARY TO PROMOTE MIRANDA DAVENPORT IN THE POLICE DEPARTMENT.

IT IS HEREBY ORDERED THAT MIRANDA DAVEEN PORT BE PROMOTED IN THE POLICE DEPARTMENT TO 2ND CLASS DISPATCHER AT A RATE OF \$9.04 PER HOUR EFFECTIVE MAY 11, 2005.

SO ORDERED ON THIS THE 3RD DAY OF MAY 2005.

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO ADOPT THE FOREGOING ORDER. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED THE FOLLOWING ORDER HIRING JOHN THOMSEN AS CODE ENFORCER IN THE BUILDING DEPARTMENT.

ORDER

WHEREAS, THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPPI DO HEREBY DEEM IT NECESSARY TO HIRE A CODE ENFORCER IN THE BUILDING DEPARTMENT
IT IS HEREBY ORDERED THAT JOHN THOMSEN BE HIRED AS A PART-TIME CODE ENFORCER IN THE BUILDING DEPARTMENT AT A RATE OF \$9.00 PER HOUR EFFECTIVE MAY 9, 2005.

SO ORDERED ON THIS THE 3RD DAY OF MAY, 2005.

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO ADOPT THE FOREGOING ORDER. ALDERMAN MCMURRY SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

WHEREAS, MAYOR PHILLIPS PRESENTED A REQUEST TO HIRE MARCY CHAIN IN THE POLICE DEPARTMENT AS DISPATCHER

ORDER

WHEREAS, THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPPI DO HEREBY DEEM IT NECESSARY TO HIRE A DISPATCHER IN THE POLICE DEPARTMENT.

IT IS HEREBY ORDERED THE MARCY CHAIN BE HIRED AS A FULL-TIME DISPATCHER IN THE POLICE DEPARTMENT AT A RATE OF \$8.541 PER HOUR EFFECTIVE MAY 11, 2005.

SO ORDERED ON THIS THE 3RD DAY OF MAY, 2005.

THEREUPON, ALDERMAN DRAUGHN MADE A MOTION TO ADOPT THE FOREGOING ORDER. ALDERMAN STRINGER SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN
ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

THEREUPON, ALDERMAN STRINGER MADE A MOTION TO ADJOURN. ALDERMAN DRAUGHN SECONDED THE MOTION.

THOSE PRESENT AND VOTING "AYE"

ALDERMAN MICHAEL W DRAUGHN

CITY OF PETAL
MINUTE BOOK 24

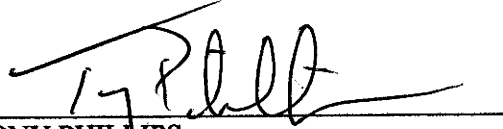
297

ALDERMAN WILLIE W HINTON
ALDERMAN JOE C MCMURRY, SR
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A TRAVIS

THOSE PRESENT AND VOTING "NAY"

NONE

THEREBEING NO FURTHER BUSINESS, THE REGULAR MEETING OF THE
MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPPI WAS
ADJOURNED ON THIS THE 3RD DAY OF MAY, 2005.



TONY PHILMPS
MAYOR

(SEAL)

ATTEST:



JEAN ISHEE
CITY CLERK

EXHIBIT "A"

Chapter 1
Introduction

Acknowledgements

Mayor and Board of Alderman

Tony Phillips, Mayor
Michael W. Draughn
Willie W. Hinton
Joe C. McMurray, Sr.
Steve Stringer
William A. Travis

Jean Isher, City Clerk
Tom Tyser, Board Attorney
Amy Heath, Planning Commission staff
Dan Tolbert, Building Inspector
Richard Bryant, Fire Chief
Lee Shelbourn, Police Chief

Planning Commission

B.C. Lewis, Chairperson
Linda Tisdale, Vice-Chairperson
Joseph G. Adamo
Charles Blackwell
Parker Chapman

Penny Luckel
Kenny Moore
James E. Wallace
Pat Ware
James Warren

Other Contributors

Carl and Melissa Scott
Christine Burton, HPFL - MPO Manager
James Banning, HPFL - MPO

Paul Entrekia, HPFL - MPO
Shows, Dearman and Waits, Inc.
Neel-Schaffer, Inc.

Plan Approach

Since the City of Petal was incorporated, two plans have been developed. The first plan was done in 1973 by Southern Mississippi Planning and Development District and was called a Community Development Plan. Dunaway and Hall, Inc. completed the second plan in 1983.

In 2004, Carl and Melissa Scott drafted a survey that was mailed to each household in the City of Petal. The purpose of the survey was to gauge satisfaction with City services, determine citizen's opinions regarding needs for new services, and to solicit input regarding issues and needs for improvement. Approximately 20% of those who were mailed surveys responded. The results of this survey are attached as Appendix A behind Tab 7. These results were used in the formation of Goals and Objectives for the updated Comprehensive Plan.

After tallying survey results, Carl Scott drafted the framework of the Comprehensive Plan and met with local governmental leaders and the planning commission. The City

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Elements of the Plan

Section 17-1-1 of the Mississippi Code defines a Comprehensive Plan as follows: "... a statement of public policy for the physical development of the entire municipality or county adopted by resolution of the governing body..." A Comprehensive Plan must include a minimum of four components in order to comply with the statute. These components are long-range goals and objectives, a land use plan, a transportation plan, and a community facilities plan.

The goals and objectives of a Comprehensive Plan are made with respect for the future. Long-range community development plans help a community identify what it desires to achieve in the following decades. Section 17-1-1 of the Mississippi Code requires that the goals and objectives section of the plan address residential, commercial, and industrial development, as well as parks, open space and recreation. Additionally, street or road improvements, public schools and community facilities must be considered.

The second part of a Comprehensive Plan is the land use plan. This plan designates, in map form, the proposed distribution and extent of land use for residential, commercial, industrial and recreational lands, as well as public and quasi-public facilities and open space. The land use section of the plan contains projections of population, economic growth, and land use for the community.

The third part of a Comprehensive Plan is the transportation plan. This plan, in map form, classifies all existing and proposed streets, roads and highways, which are a part of the land use plan. The transportation plan covers the same time period that the land use plan covers. Based on traffic counts, the plan includes arterial, collector and local streets, and roads and highways, as defined by minimum rights-of-way and surface width requirements.

The final portion of the Comprehensive Plan is the community facilities plan. Used as a basis for making capital improvement decisions, the community facilities plan includes: schools, parks and recreation, public buildings and facilities, and utilities.

The City of Petal recognizes that the quality of life in cities is affected by the quality of development. People and businesses are attracted to higher quality developments. In fact, other cities around the country have discovered that quality development breeds more quality development. All development should be examined as to its effect on the community's image, because it is the community's image that is at stake. It is a well-known fact that one of the factors a business/industry considers in determining a location is the quality of life in a community. Quality of life includes such amenities as shopping, cultural and recreational opportunities, good schools and attractive business and residential areas.

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of Petal wanted a planner to assist with the completion of the plan and the adoption process. Karn W. Druse, AICP, consulting planner, worked with the City to gather existing data and complete the updated plan. The Hattiesburg-Petal-Forrest-Lamar Metropolitan Planning Organization (HPFL - MPO) offered to assist with the plan by providing maps for the project.

Neel-Schaffer, Inc. had been contracted through the HPFL - MPO to prepare an existing land use map for the City of Petal. This map is located behind Tab 8 as Figure 3 - 1. Shows, Dearman and Waits, Inc. prepared a Street Study Report and Database for the City of Petal that is included in the transportation element of the plan and an appendix from this report is located in the plan as Appendix B behind Tab 7.

Purpose of the Plan

The City of Petal recognizes that in order to make both effective and economically sound decisions for the future, some type of policy must govern the decision-making process. The purpose of this Comprehensive Plan is to serve as a policy guide for the physical and economic development of the City of Petal. The Plan will serve decision makers as a means of orderly development for the City at a minimal cost to the City.

A Comprehensive Plan has five characteristics. First, a Comprehensive Plan serves as a guide to the physical development and future growth of a City. Second, Comprehensive Plans are long-range, often extending five, ten, or more years into the future. Current policies, which impact future development, are an integral part of the Comprehensive Plan. Third, Comprehensive Plans are comprehensive in scope. Comprehensive Plans include the entire City geographically and address all functions that make a City operational. Fourth, Comprehensive Plans include statements of the community's future ideas and strategies for implementing those ideas. Finally, local government officials use a Comprehensive Plan as a guide for decision-making.

The City of Petal Comprehensive Plan, required by state law, is in compliance with Sections 17-1-1 through 17-1-39 of the Mississippi Code Annotated. The Plan was developed to "bring about coordinated physical development in accordance with present and future needs..." (Section 17-1-11 Mississippi Code). Petal's plan is both geographically and functionally comprehensive in nature. Geographically, all the area within the existing corporate boundaries has been included in the Plan, as well as those areas under consideration for annexation. Functionally, the Plan includes Petal's current practices and proposals for future economic development, public health and welfare, and land use. Additionally, the Plan serves as a means of citizen participation in local government.

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A City desperate for development without regard to the quality of that development will not be able to successfully compete with communities that are more concerned with the quality of development and other quality of life issues. Therefore, the City of Petal intends to foster those policies that will make this a more competitive community.

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EXHIBIT "A"

Chapter 2
Goals and Objectives

Overview

In establishing the goals for the City of Petal, it is important to define that goals are broadly worded desires that are not bound by time. Goals serve as the foundation for the plans, policies and actions that will guide the future growth and development of the City of Petal. These goals are a collective statement about what a community hopes to see in the future as the City continues to grow and prosper.

The first goal of the City of Petal is to always plan for its people. People need a safe and secure place to live, an economy that provides jobs, a transportation system that allows people to get around safely, quality schools and recreational opportunities. It is the responsibility of City government to provide public services and facilities, develop policies and adopt regulations to guide the growth of a City that meets the needs of its people and to accomplish this goal.

The second most important goal of the City of Petal is to use this comprehensive plan as its guide. A comprehensive plan is a broad statement of community goals and policies that direct the orderly and coordinated physical development of the City into the future. A comprehensive plan anticipates change, more specifically it embraces change, and provides specific guidance for future legislative and administrative actions. It is a reflection of the results of citizen involvement, technical analysis and the judgment of elected officials. The maps, goals and policies of the plan provide the basis for the adoption of regulations, programs and services that implement the plan. The plan serves as a guideline for designating land uses and infrastructure development as well as developing community services. Most importantly, the comprehensive plan allows the City of Petal to achieve consistency between its goals, regulations and actual development as the City evolves.

Adoption of the comprehensive plan is the first step toward realizing the vision of the City of Petal. This vision is achieved through implementation of the plan. The City of Petal's implementation process is comprised of a combination of short-term and long-term initiatives. Some of the short-term actions include amendments to existing Zoning Ordinances and approval of rezones that match the plan's land use designations. Long-term actions include area planning, monitoring, evaluating and amending the plan as conditions change; and developing a capital investment program that allocates resources to projects that will spur the City's development in the direction envisioned in this plan.

As the City of Petal continues to grow, it like all other small cities will be faced with many challenges for tomorrow. Petal's principle challenge for the future is to protect what the community believes is most important while meeting the need to manage growth opportunities as they occur. Petal is a dynamic community - people living,

working, learning, and playing within a City that balances the needs of the natural and built environment. Because of this the following list is a further expansion of the goals that the City of Petal feels are pertinent in meeting the needs of tomorrow:

Protect and Enhance the City's Aesthetic Image

Accommodating Petal's anticipated future population and employment growth requires redevelopment and a new definition of Downtown along with existing commercial areas. Aging housing in neighborhoods will also generate demand for remodeling, updating, and even replacement of older homes. The challenge is to maintain Petal's high standards of urban design and to achieve compatibility in design and intensity with existing development.

Maintain Economic Vitality

The City of Petal enjoys a great reputation as a good place to work, live, learn and play. This must be tied to a strong, sustainable economy and to keep the economy strong, Petal must continue to formulate policies and regulations that support economic development.

Protect the Natural Environment

Petal is strongly committed to environmental stewardship and plays a leadership role in promoting a quality, sustainable urban environment. The City must successfully accommodate growth without sacrificing environmentally sensitive land and water resources. The City must ensure that the urban forest is sustained and protected during development.

Protect and Enhance our Neighborhoods

Petal must continue to insure that its individual homes are well maintained, as are the public facilities that serve the residents. Some older homes will have to be remodeled or replaced by new ones that are compatible in design and scale with the surrounding area. This pattern keeps all neighborhoods vital, protects their character and prevents the need to redevelop entire areas. The City must fulfill its pledge to protect neighborhoods from the encroachment of incompatible uses.

Pursue a Strong and Diverse Local Economy

The City has forged a strong bond between the development community, employers, the educational community, residential neighborhoods, and other institutions to provide a sustainable economic environment.

Provide for a Safe and Secure Community

Petal residents continue to feel secure and safe in their community. While the emphasis is on protection from, and the prevention of, the causes of crime, the City continues to be prepared to respond to emergencies with local resources or in concert with other agencies. Preparedness remains a major focus to assure that when an emergency occurs the City can respond effectively.

Provide for Needed Community Services and Facilities

Infrastructure must be built to meet growth needs as well as to correct deficiencies. A new spirit must be infused in the community that promotes the wise and efficient use of facilities. The City has financed needed capital projects by using local and regional funding sources efficiently to make the best use of these limited resources. Balancing need, resources, and service levels allows service levels to be achieved at acceptable funding levels. The City of Petal has completed its present annexation program, thus achieving its stated outward growth. All community services in Petal are provided either directly by the City or coordinated by the City through contracts with other governments and/or other providers.

Continue Active Community Involvement in Planning Decisions

The City encourages community groups, businesses and individuals to work together with City leadership to identify and achieve community goals. Residents and businesses can develop a trust in their local government because the growth management principles and plans adopted through this comprehensive plan will be followed and modified as needs arise. The need for change must be accepted and will proceed in an orderly fashion based on the growth management initiatives present in this plan.

General Goals for the Comprehensive Plan

- > The City of Petal desires to provide a long-range concept for the future development of the City that integrates land use, transportation, community facilities and territorial expansion through annexation.
- > The City of Petal desires to fulfill the definitions and requirements of Section 17-1-11 of the Mississippi Code of 1972 as amended.
- > The City of Petal desires to support maintenance of an acceptable level of local government services.
- > The City of Petal desires to keep the public informed of the City's future growth and development potentials and intentions.
- > The City of Petal desires to encourage maintenance of the City's existing businesses, industries and institutions.
- > The City of Petal desires to recognize the importance of maintaining the existing balance between industry, retail trade and services to the prosperity of the City, its residents, businesses and industries.
- > The City of Petal desires to increase local business and employment opportunities and raise the overall prosperity of the City's residents. In order to do this it must advance the causes of economic development and diversification of the local

economy. One way is to continue to work closely with the City of Petal Chamber of Commerce to promote economic development in the City.

- > The City of Petal desires to acknowledge that the characteristics of a City change over time and to plan for those changes to be able to accommodate those likely future needs and desires.
- > The City of Petal desires to acknowledge that it is preferable to annex additional territory into the City before it is developed without the benefit of planning, developmental regulations and/or a unified plan for provision of necessary infrastructure as development warrants as opposed to waiting until after such territory is improved and bear the added expense of bringing it up to City standards.
- > The City of Petal desires to continually improve the overall appearance of a potentially attractive community.

Goals for the Land Use Element

- > The City of Petal desires to provide an official, legislatively adopted, basis for municipal use of regulation, dedication, investment, assessment and intergovernmental cooperation in management of land use and development of real estate within the City.
- > The City of Petal desires to strive for an orderly development pattern and land use compatibility.
- > The City of Petal desires to encourage development of an appropriate mix of residential, commercial, industrial and institutional property within the City.
- > The City of Petal desires to identify a complimentary and proportionally appropriate mixture of land uses that will support continued growth and economic vitality within the City.
- > The City of Petal desires to provide sufficient land for all land use types to accommodate the City's future growth and development.
- > The City of Petal desires to provide sufficient acreage for future development of all land use types in order that location choice and competition is assured.
- > The City of Petal desires to recognize that a balance between the highest and best use and the most appropriate use of land is in the overall best interest of both property owners and residents of the City.

EXHIBIT "A"

- The City of Petal desires to provide for an equitable balance between private property rights and legitimate community interests.
- The City of Petal desires to identify acceptable and unacceptable land use relationships in advance of development.
- The City of Petal desires to maintain the City's existing development character.
- The City of Petal desires to consider and articulate the land use impact of each future development proposal and request for rezoning before a final decision is made that will permit its occurring.
- The City of Petal desires to encourage maintenance and expansion of compatible land use concentrations and future development of new compatible land use areas.
- The City of Petal desires to prevent future development of incompatible mixed land uses.
- The City of Petal desires to prevent future adjacency of incompatible land uses.
- The City of Petal desires to require separation of incompatible land uses as new development occurs.
- The City of Petal desires to separate presently existing incompatible land uses as opportunities arise.
- The City of Petal desires to identify and require effective buffering between incompatible land uses, where they must develop.
- The City of Petal desires to encourage preservation of existing and developing residential neighborhoods and foster development of new neighborhoods.
- The City of Petal desires to maintain reasonable residential densities.
- The City of Petal desires to prohibit future placement of more than one residence per lot or site through appropriate regulation and attrition over time.
- The City of Petal desires to reduce existing instances of more than one residence per lot or site through regulation and attrition over time.
- The City of Petal desires to encourage infill residential development on vacant land and surrounding the central business district.
- The City of Petal desires to require that all new homes of all types within the City be sited on fully improved individual lots or sites of a size and situation consistent with the comprehensive plan and all related codes and ordinances.

- The City of Petal desires to require that all new manufactured homes and mobile homes be located on a fully improved lot or site adequately designed, sized and configured to accommodate the individual unit. Such sites should be in a fully improved manufactured housing/mobile home park, a fully improved manufactured housing/mobile home subdivision, or on special variance conditions may be an individual lot or tract of land.
- The City of Petal desires to encourage development and enlargement of public and institutional uses and facilities to support the community and its residents on adequately sized sites, which provide sufficient vehicular access, and on site parking.
- The City of Petal desires to ensure that existing and future school facilities in the City will be a complimentary asset to residential areas.
- The City of Petal desires to provide adequate and conveniently located retail and service commercial locations to serve the resident population and the surrounding trade area.
- The City of Petal desires to recognize that it is important to the City's economy that its functions as a shopping and service center for a much larger trade area and a place to work for a much larger labor force area in reaching future decisions about commercial, industrial, and institutional facilities.
- The City of Petal desires to prevent congestion of arterial roads by limiting direct frontage land access to subdivided residential lots and by internalizing new subdivisions and other residential developments with arterial road frontages.
- The City of Petal desires to encourage preservation and adaptive reuse of existing development in the central business district along with complimentary new development.
- The City of Petal desires to provide appropriate locations for development of offices and clinics for additional health care professionals and providers.
- The City of Petal desires to carefully consider the placement of new public utility improvements, including communication towers, to minimize their potential adverse effect on existing and future residential development.
- The City of Petal desires to control the size, location, illumination and animation of signs within the City.

Goals for the Transportation Element

- The City of Petal desires to provide an official legislatively adopted basis for municipal use of regulation, dedication, investment, assessment, and intergovernmental cooperation to provide an effective system of circulation within the City and its surrounding planning area.
- The City of Petal desires to provide a safe, convenient and efficient circulation system within the City, which accommodates all modes of travel with sufficient capacity to accommodate the present, and expected future movement needs of all residents and visitors.
- The City of Petal desires to provide a roadway system with sufficient capacity, safety, separation, access, convenience, attractiveness, and alternatives to provide the potential for accommodating public needs for circulation, enhancing and unifying the City's appearance and providing the opportunity for making individual travel choices.
- The City of Petal desires to provide a hierarchical network of highways, arterial, collector and local roads with different characteristics and capabilities reflecting their intended uses and expected traffic volumes.
- The City of Petal desires to improve access to and from the City to accommodate travel needs of and residents and all other persons who come to the City.
- The City of Petal desires to provide for continued use and growth by all modes of travel including pedestrians, bicycles, motor vehicles, rail and air.
- The City of Petal desires to fully cooperate and coordinate local transportation plans, programs and projects with all state and national agencies with authority and interest that can help maintain and improve local access and circulation.
- The City of Petal desires to aggressively pursue and support state and national initiatives and funding sources that can help to enhance the capacity and safety of local roads providing access and circulation.
- The City of Petal desires to require appropriate provision for circulation system capacity improvements associated with new large scale developments of all types through equitable regulation and imposition of impact fees.
- The City of Petal desires to commit local resources to providing locally needed improvements to all elements of the local circulation system.
- The City of Petal desires to provide an integrated circulation system capable of enlargement to accommodate expected growth and change which facilitates

- movement of people and goods to, from, through and within the City and its adjacent planning area.
- The City of Petal desires to prevent traffic congestion and delay on the roadway system presently serving the City and environs beyond locally tolerable levels.
- The City of Petal desires to reserve necessary rights of way to City standards for full development of arterial and collector roadways before and during the development process in anticipation of future needs.
- The City of Petal desires to clearly separate functions of different circulation system elements and remove conflicts between the different types and modes of transportation.
- The City of Petal desires to provide for adequate separation of aircraft, railroad, truck, automobile, bicycle, and pedestrian traffic.
- The City of Petal desires to provide an integrated system of traffic control devices capable of optimizing the traffic carrying capabilities of the roadway system.
- The City of Petal desires to systematically eliminate conditions that limit or impact the traffic carrying capabilities of highways and arterial streets.
- The City of Petal desires to provide access to developed and developable real estate and a roadway framework for developed and developable areas of the City and its planning area.
- The City of Petal desires to provide convenient higher capacity routes to those developed areas of the City where generation of external traffic is important to successful business, industrial and institutional operations.
- The City of Petal desires to generally limit land access to local and collector streets in areas of new residential development.
- The City of Petal desires to systematically reduce or eliminate capacity limiting land access along primary arterial roads as they are upgraded.
- The City of Petal desires to provide for accommodation of at least 75% of the peak capacity requirements of new high traffic generating facilities including commercial and institutional developments and major employers.
- The City of Petal desires to achieve at least a class "C" level of service on all highways and principal and minor arterial roads within the City.
- The City of Petal desires to provide a system of curbs, sidewalks and distinctive streetscape elements along all streets within the City limits, where applicable.

EXHIBIT "A"

- The City of Petal desires to require developers to provide curb, gutters, and sidewalks in all new developments.
- The City of Petal desires to provide an adequate, integrated and uniform Citywide system of street lighting, street signs, and traffic control devices to enhance the roadway system's convenience, safety and visibility.
- The City of Petal desires to provide a system of larger sized street name and address identification signs along all primary and minor arterial in the City for the convenience of older residents and visitors.
- The City of Petal desires to provide for tree preservation and landscaping within and along road rights of way throughout the City, where possible.
- The City of Petal desires to provide for orderly and coordinated placement of underground utilities and storm water management improvements within street and highway rights of way before paving is installed.
- The City of Petal desires to contemplate and accommodate the long term street capacity requirements and impacts associated with private and public development, redevelopment, and adaptive reuse of real estate.
- The City of Petal desires to provide for adequate levels of adjacent land access appropriate to each functional type of roadway.
- The City of Petal desires to provide for loading, unloading and parking of motor vehicles in a manner which does not impede the traffic carrying capacity of the highway bypass, primary arterial, minor arterial and collector streets.
- The City of Petal desires to require sufficient on site off street parking for all types of development to prevent or minimize use of street travel ways for parking.
- The City of Petal desires to strive to improve the safety of all railroad crossings and primary arterial intersections through use of traffic control methods, improved intersection designs, and reduction of potential points of conflict.
- The City of Petal desires to use primary roads and highways to assist in definition of residential neighborhoods and other distinct urban development and use areas.
- The City of Petal desires to accommodate the capacity requirements of through traffic with minimal impact on existing development.
- The City of Petal desires to prevent, reduce, and where possible eliminate through traffic from residential neighborhoods.

- The City of Petal desires to prevent, reduce, and where possible eliminate noise pollution associated with transportation facilities and industrial and commercial activities especially as they affect residential use areas.
- The City of Petal desires to restrict fronting residences on arterial roads and highways in favor of internalizing residential subdivisions away from high traffic volume facilities.
- The City of Petal desires to restrict subdivision of land for residential use from areas subject to high noise level concentrations emanating from transportation facilities including those adjacent to the airport, railroad and high traffic volume highways.
- The City of Petal desires to determine and accommodate the surface water runoff requirements and impacts of land and roadway developments prior to their development.
- The City of Petal desires to accommodate pedestrian circulation through an interconnected system of sidewalks, pathways, trails, and controlled street intersection crossings.
- The City of Petal desires to separate pedestrian and bicycle movement from motor vehicles to the extent possible.
- The City of Petal desires to encourage inclusion of sidewalks in new residential subdivisions and nonsubdivided residential development sites.
- The City of Petal desires to provide a bikeway system throughout the City using a combination of clearly marked roadway lanes, utility easement trails, recreational sites and controlled street intersection crossings.

Goals for the Community Facilities Element

- The City of Petal desires to provide an official legislatively adopted basis for municipal use of regulation, dedication, investment, assessment, and intergovernmental cooperation to provide necessary community facilities.
- The City of Petal desires to provide adequate and efficient water, sewer and natural gas services within the City and its utility service area to accommodate all development.
- The City of Petal desires to systematically enlarge the City's water, sewer and natural gas utility service areas and facilities.

- The City of Petal desires to reserve sufficient land for community facilities, parks and open space and the preservation of environmentally sensitive areas.
- The City of Petal desires to provide adequate land and buildings to house local governmental operations, to accommodate delivery of public services, and to facilitate public interaction with its municipal government.
- The City of Petal desires to constantly strive to improve the quality and quantity of services provided to all citizens, establishments and institutions.
- The City of Petal desires to insure that the location of new community facilities and utilities will help to implement the comprehensive plan.
- The City of Petal desires to provide adequate and attractive facilities for community and cultural activities and the performing and visual arts.
- The City of Petal desires to support the Petal School District in its efforts to provide high quality public education for all residents.
- The City of Petal desires to encourage appropriately located and adequately improved and equipped educational facilities on sufficiently sized sites at which quality educational and related services can be provided for all residents.
- The City of Petal desires to provide that community and recreational facilities and programs are located so as to be within easy access of the population.
- The City of Petal desires to foster provision of adequate open space for outdoor recreation to satisfy the City's present and future residents.
- The City of Petal desires to encourage joint use of play grounds, ball fields and related sports facilities between the public schools and municipal park programs.
- The City of Petal desires to provide recreation facilities that conform to the Mississippi statewide outdoor recreation plan outdoor recreation standards.
- The City of Petal desires to foster preservation of open space on sites not suitable for development and use.
- The City of Petal desires to preserve and make accessible sites of historical and cultural significance.
- The City of Petal desires to encourage conservation of natural resources including preservation and improvement of the water bodies, rivers and streams within and surrounding the City.

- The City of Petal desires to preserve areas with outstanding scenic value and natural landscape qualities.
- The City of Petal desires to encourage preservation of old trees and individual and public street tree planting and maintenance efforts.
- The City of Petal desires to address the overall leisure time and recreational needs of all City's residents.
- The City of Petal desires to diversify recreational programs and broaden the scope of recreation and leisure time services offered to involve all age groups Citywide.
- The City of Petal desires to promote recreational facilities and activities for all segments of the population.
- The City of Petal desires to recognize the aging characteristics of the City's resident population and design leisure and recreation facilities and programs to accommodate this growing demographic.
- The City of Petal desires to insure that the location and development of new parks and recreation facilities are consistent with and help to implement the comprehensive plan.
- The City of Petal desires to encourage development of Petal as location for a variety of sports, cultural and recreational events serving the surrounding area.
- The City of Petal desires to develop and promote festivals and special events to attract visitors to the City.
- The City of Petal desires to provide high quality public safety services adding such additional facilities as may be warranted to insure continuance and to facilitate response to changes in service demands as the City grows and changes.
- The City of Petal desires to strive for a higher standard of excellence than historically and presently provided in the planning, design, construction, maintenance and operation of new community facilities.
- The City of Petal desires to encourage public investment in only high quality urban utilities, facilities and infrastructure.
- The City of Petal desires to anticipate and acquire sites for future community facilities of all types well in advance of their need to minimize costs and to insure adequate sites at appropriate locations.
- The City of Petal desires to provide that incremental costs associated with expansion of municipal utility infrastructure are borne by the benefited properties.

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- The City of Petal desires to see that municipal utility customers can expect high quality service at a fair price.
- The City of Petal desires to provide adequate water pressure and properly located fire stations sufficient to better the City's class 7 rating when possible and as future development warrants.
- The City of Petal desires to insure that residents and property owners can expect effective crime and fire prevention and prompt emergency response when needed.
- The City of Petal desires to require concurrency between new development and adequate street, utility and storm water drainage infrastructure, municipal utilities and improvements should be installed concurrently with the development they are to serve.

Comments

Pursuant to these goals, nothing says more about a community than the condition of its commercial buildings and its residential housing units. One of the first things visitors to a new area notice is the size, location, arrangement, and condition of the commercial establishments and houses. Conventional wisdom tells us that a strong correlation exists between the types of businesses and homes in a community and the types of people that live in that community.

Age, income, and marital status influence housing preference. Although housing traditionally has been the domain of the private sector, local government substantially affects the community's housing stock. Local government can use public services and regulatory measures to encourage or discourage certain types of housing developments. The provision of public services, the location of schools, zoning ordinances, and building codes determine the location and character of housing in a community. Because of the important role local government plays in a community's housing stock, a comprehensive plan must include housing goals. Just as important, a City through its comprehensive plan must regulate the overall design and development of its central business districts. To date Petal has not done well in presenting an aesthetically appealing community. Part of this comprehensive plan is intended to change that direction.

Transportation and land use are directly related and influence one another. Changes in the land use pattern place new demands on the transportation system. Likewise, changes in transportation types, routes and volume influence land use patterns. In a small city the size of Petal, new highways have a major influence on land use. New highway development is one of the most prominent, if not the most prominent, influences on land use patterns.

Education is another major influence on goals that affect community land use patterns. The frequency, size and location of educational facilities throughout a community are a key factor in many family housing decisions. Since the City of Petal enjoys one of the

Chapter 3
Land Use Plan

Population Study

The City of Petal ranks as the 44th largest city in Mississippi, with a 2000 population of 7,579. As shown in Table I, Rate of Population Growth, the City has experienced a very inconsistent rate of growth. Between 1980 and 2000, the City's population declined 10.57% from 8,475 to 7,579 in 2000. In contrast, Forrest County has experienced a continual slight increase in population ranging from 66,280 in 1980 to 72,640 in 2000. Overall, Mississippi has experienced steady growth in population since the Census figures of 1960.

On February 21, 2001, the City annexed .7 square miles west of the existing City and on February 20, 2003, the City annexed 6.7 square miles east of the existing City. This annexation process added 7.4 square miles to the City of Petal and brought the current population to 9,816.

TABLE I
RATE OF POPULATION GROWTH

Year	Total Population	% Growth by Decade
1980	8,475	
1990	7,883	(6.99%)
2000	7,579	(3.86%)
2003*	9,816	29.51%

*After annexation
Source: Census 1980 - 2000; Bridge & Slaughter, February 6, 2003

finest school systems in the State of Mississippi within its boundaries, the City and its education systems are linked in many ways. The school system becomes a major draw to parents concerned with the public education of their children and in most instances becomes a growth opportunity.

Economic development is another factor that drives community growth. Rational land use patterns can help make a community more economically viable. Smart companies and individuals are looking to do business in physically attractive and environmentally healthy communities. This is consistent with the City of Petal's goals.

While the total population of the City of Petal has declined since 1980, the overall number of non-white residents, including African-Americans, Hispanics, Native American, Asians, and others has remained fairly consistent. Although there has been a significant increase in non-white or other population, the racial ratios remain relatively consistent. Table II depicts the total population by race.

TABLE II
POPULATION BY RACE

Race	1980	1990	2000	2003*
White	8,351	7,646	7,119	9,141
Black	107	202	336	506
Other	18	35	124	169
Total	8,476	7,883	7,579	9,816

*After annexation
Source: Census 1980 - 2000; Bridge and Slaughter, February 6, 2003

According to Demographics Now, the City's adult population (persons 20 and over) before annexation is projected to rise from the 2000 figure of 5,278 to 5,964 in 2009. The median age for people in the City of Petal is 34.5 as of the 2000 Census. In 1980 the median age was 28.4 that denotes an increase of 21.48% in the median age of the population.

TABLE III
POPULATION OVER AGE 18

Year	Over Age 18 Population	% Change by Decade
1980	5,925	
1990	5,644	(4.74%)
2000	5,521	(2.18%)
2003*	7,063	27.93%

*After annexation
Source: Census 1980 - 2000; Bridge & Slaughter, February 6, 2003

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As may be anticipated with an aging population base, the ratio of persons per occupied housing unit in the City of Petal is also declining. While the number of occupied housing units has remained stable from 3,024 in 1980 to 2,979 in 2000, the number of individuals per occupied household has fallen from 2.80 to 2.54. This trend is indicated in Table IV.

TABLE IV
PERSONS PER OCCUPIED HOUSING UNIT

	1980 Census	1990 Census	2000 Census
Total Occupied Units	3,024	2,954	2,979
Average No. of Persons	2.80	2.66	2.54

Source: 1980 - 2000 Census

Overall, the population in the City of Petal is expected to increase over the next twenty-five years as a direct result of planned growth activities. Most importantly, from a planning perspective, is the availability of employment opportunities anticipated through growth fueled by the excellent school system and new infrastructure improvements. An economic study as depicted in Table V provides an analysis of the labor force and typical unemployment rates for the City of Petal.

TABLE V
CITY OF PETAL EMPLOYMENT 1990-2009

	1990 Census		2000 Census		2004 Estimate		2009 Projection		% Change 1990-2000	% Change 2004 - 2009
Age 16+ Population	5,790		5,731		6,021		6,329		-1.00%	5.10%
In Labor Force	3,493	60.3%	3,467	60.5%	3,647	60.6%	3,836	60.6%	-0.70%	5.20%
Employed	3,285	94.2%	3,312	95.5%	3,479	95.4%	3,656	95.3%	0.70%	5.10%
Unemployed	181	5.2%	143	4.3%	161	4.4%	174	4.5%	-17.70%	7.90%
Armed Forces	32	0.6%	6	0.2%	6	0.2%	6	0.2%	-80.30%	0.00%
Not in Labor Force	2,297	39.7%	2,264	39.5%	2,374	39.4%	2,493	39.4%	-1.40%	5.00%

Note: Does not include recently annexed areas.

Source: Area Development Partnership, Demographics Now 2005

TABLE VI
FORREST COUNTY EMPLOYMENT 1990-2025

Type of Industry	1990	2000	2005	2010	2015	2020	2025
Farm Employment	350	430	390	370	350	340	330
Agricultural Services, Other	340	440	490	550	600	640	690
Mining	200	130	140	150	160	170	170
Construction	1,750	2,890	2,900	2,890	2,910	2,950	3,010
Manufacturing	4,780	4,280	4,440	4,500	4,540	4,580	4,620
Transport, Communications & Public Utilities	1,370	1,610	1,620	1,630	1,630	1,620	1,610
Wholesale Trade	1,820	2,170	2,280	2,320	2,370	2,410	2,460
Retail Trade	7,810	7,930	8,100	8,320	8,530	8,730	8,920
Finance, Insurance & Real Estate	2,610	2,850	2,980	3,050	3,110	3,170	3,250
Services	8,340	11,780	13,350	14,830	16,350	17,970	19,760
Federal Civilian Government	710	710	750	780	810	820	830
Federal Military Government	540	730	740	750	750	760	760
State and Local Government	8,920	11,170	12,040	12,950	13,830	14,680	15,480
Total Employment	39,740	47,120	50,220	53,090	55,940	58,840	61,890

Source: Woods & Poole Economics, Inc, 2002

The number of persons employed by manufacturers has declined since 1990, while the wholesale trade category experienced an increase of 19.23% between 1990 and 2000. By 2025, it is projected that it will increase by 35.16% and the number of employees will have risen from 1,820 in 1990 to 2,460, as shown in Table VI. The number of state and local government employees in Forrest County has grown from 8,920 in 1990 to 11,170

Demographics Now shows that of persons employed that live in the City of Petal, 1402 or 42.9% are employed in blue-collar occupations and 1,891 or 57.1% are employed in white-collar occupations. Persons who travel to work in the City of Petal make a daytime employed population of 1,923 to 335 number of employment establishments.

Per capita income for the City of Petal increased 33.42%, from \$10,670 in 1990 to \$16,026 in 2000. Similarly, per capita income in Forrest County increased from \$13,193 in 1980 to \$20,603 in 2000. The City of Petal has enjoyed continually improving retail sales numbers as recorded through sales tax receipts for the period October 1, 2000 to October 1, 2003.

The level of adult education has risen dramatically in the past few decades. In 2000, the number of people who were high school graduates was 1,703. For the same year, 566 persons aged 25 or older had a bachelor's degree. The number of people over age 25 with at least a bachelor's degree rose from 325, or 6.9%, in 1990 to 566, or 11.9% in 2000. This increased educational level for the population is anticipated to lead to an increased demand for professional employment opportunities. In order to better forecast future economic growth, a comparison was made of the number of persons in Forrest County employed in manufacturing, wholesale/retail establishments, professional offices (insurance, real estate, finance, etc.) and government and are shown in Table VI, Forrest County Employment 1990 - 2025.

in 2000. By 2025, the number of government employees is expected to be approximately 15,480. Overall, the number of individuals working in professional settings (Finance, Insurance and Real Estate; Services) has increased from 10,950 in 1990 to 14,630 in 2000, and is projected to increase to 23,010 by 2025.

The population trends and economic history of the City of Petal and Forrest County are useful in determining future land use in the area. If the population rises as expected and the number of individuals living in each household continues to slightly decline, the need for adequate housing will rise. The 2000 Census reflects that the City of Petal has 2,593 individuals, or 34.1% of the total population, over the age of 45. If the City of Petal continues to promote itself as a bedroom community for the larger business segment available in the City of Hattiesburg, adequate housing must be made available.

The City of Petal's population is becoming older and historically, this is the age group that tends to demand more services and they are traditionally most able to pay for those services. The recent annexation has afforded the City the opportunity to expand its tax base in order to be able to provide these necessary services. Further, the projected increased population will probably lead to an increase in the wholesale/retail work force, since an increase in total retail sales and total persons employed in this area is expected. This leads to ensuring that adequate space must be made available for both new and existing businesses in the City of Petal.

As evidenced by the recognized quality of the City of Petal Schools, Petal has an acute awareness of the importance of education. As the population increases, a need may arise for expanded primary and secondary school facilities.

Existing Land Use

The land use survey is traditionally the most important survey of the planning process. As a planning project of the Hattiesburg-Petal-Forrest-Lamar Metropolitan Planning Organization, Neel-Schaffer, Inc. developed an existing land use map for the City of Petal. Each parcel was surveyed in the fall of 2004 and mapped according to its present land use. The following land use classification were used:

- > Agricultural
- > Single-Family Residential
- > Multi-Family Residential
- > Mobile Homes
- > Commercial
- > Industrial
- > Commercial
- > Industrial
- > Public Facilities
- > Educational
- > Recreational
- > Cemetery
- > Religious
- > Emergency Services
- > Utilities
- > Undeveloped

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Figure 4 - 1, Existing Land Use Map shows present land use and provides a basis for the development of the future land use plan. Table VII, Land Use Classifications by Acreage shows each classification, the acreage, and the percentage of the total acreage.

TABLE VII
LAND USE CLASSIFICATIONS BY ACREAGE

Land Use	Acreage	% of the Total Acreage
Agricultural	308.15	2.95%
Single-Family Residential	3,748.64	35.91%
Multi-Family Residential	34.25	0.33%
Mobile Homes	241.67	2.31%
Commercial	565.19	5.41%
Industrial	150.12	1.44%
Public Facilities	21.72	0.21%
Educational	52.62	0.50%
Recreational	42.63	0.41%
Cemetery	24.29	0.23%
Religious	98.66	0.95%
Emergency Services	3.96	0.04%
Utilities	11.58	0.11%
Undeveloped	5,135.98	49.20%
Total	10,439.46	100.00%

Source: Neel-Schaffer, Inc., 2004

According to Table VII, Existing Land Use and Vacant Land Analysis, the total land in urban use is 5,303.48 acres. An additional 5,135.98 acres are currently vacant and available for residential, commercial, or industrial use. There exists approximately X acres that remain vacant because it lies in waterways, floodways, floodplains, or is subject to severe sloping. Currently, the City of Petal's total acreage is 10,439.46. The City of Petal has 4,024.56 acres in developed residential uses that represents approximately 75.89% of the developed land in the municipal area. By dividing the population of Petal by the total residential acreage yields a population density of 2.44 persons per net acre for the year 2004.

It should be noted for planning purposes that Neel-Schaffer, Inc. placed the land use data into a geographical information system (GIS) ArcView database that linked land use to each parcel. In some areas there may be a house located on a small portion of a lot and the remaining parcel is undeveloped. In these instances, the entire parcel would be coded residential and this acreage is reflected in Table VII, Existing Land Use and Vacant Land Analysis.

Residential land uses in the planning area are predominantly single-family detached dwellings and distributed throughout the City in varying densities. Multi-family uses are scattered throughout much of the City of Petal with some in complexes and the remainder in individual homes or buildings that have been converted to multi-family use. Some of these multi-family uses are properly located on major streets, while others are found on minor residential streets where the potential for traffic congestion is higher.

Residential Uses

In addition to the location of multi-family uses on major streets, some major streets have single-family homes which front on them. Single-family homes with frontage and access on major streets tend to create traffic congestion and traffic hazards. These problems are a result of the large number of curb cuts and the fact that most vehicles back out onto these major streets. A good example of this is Central Avenue that has one of the highest traffic counts of any street with the corporate limits of the City of Petal. With anticipated commercial development this problem is only expected to escalate.

Another significant problem is that residential neighborhoods are often targets for commercial development. This process, called "commercial creep", usually starts with rezoning a lot to a commercial use. This leads to further rezoning and soon the neighborhood has a number of commercial encroachments, blight sets in, and the neighborhood is no longer desirable for residential purposes. There are several areas identifiable as particularly susceptible to "commercial creep" and is clearly evident between the railroad tracks and Main Street in Petal. There already exist a number of commercial business establishments that for all intents and purposes are located in a residential setting.

In fact, there are practically no parts of the City of Petal that remain untouched by mixed uses. Mixed uses can be an asset to a community if precautions are taken to reduce blighting influences. But uncontrolled, unplanned mixed uses destroy neighborhoods.

For this reason spot zoning should be avoided as a long term insurance measure and not allowed for the short term gain present in increased sales taxes.

The City of Petal's residential growth has been primarily to the east, however, development continues to occur in all areas of the City. An area that needs to be addressed in the near term is the continual decline of once prosperous neighborhoods. As the homes have aged, owners have not kept up with necessary maintenance and many of these homes are being occupied with renters. No significant redevelopment has taken place and these areas continue to degrade. While the City, through its code enforcement program, plays a vital role in the demolition of vacant and dilapidated structures, this has not had a significant impact on redevelopment. The City of Petal, as part of its plan, will apply for and pursue any Federal grant project pertinent for neighborhood revitalization. The City will make every effort to donate vacant lots resulting from neighborhood revitalization projects to Habitat for Humanity for the explicit use for new residential construction.

There are several cemeteries located throughout the City that to this point have been relatively well maintained and have not created a blighting influence on residential development. It should be noted that for planning purposes, future cemeteries should be located on large tracts of land and located in the more remote areas of the City with required buffers from residential uses. Further, the City needs to establish an incentive program to encourage new residential construction by assisting developers with the cost of required infrastructure improvements.

Commercial Uses

Land for commercial use provides a location for wholesale or retail sale of goods and services. This category also includes commercial recreation areas such as motion picture theaters and amusement parks. According to Table VII Existing Land Use and Vacant Land Analysis, of the 5,303.48 acres of developed land in the City of Petal, 565.19 acres, or about 10.66 percent, is commercial land. If the total acreage of the City of Petal is considered, then approximately 5.41 percent is developed commercial.

Land Use devoted to commercial uses varies considerably from City to City. While smaller or "bedroom" communities may utilize only 2% to 5% of the total developed area for commercial uses, larger, regional, and central cities may have as high as 27% of land devoted to commercial uses. The primary concentrations of commercial development in the City of Petal are: the central business district along Highway 11, along Central Avenue, along South Main Street, along Highway 42 corridor and along North Main Street to 1st Avenue. These areas generate large amounts of traffic and a corresponding demand for parking space. The development of strip commercial uses along heavily traveled arterial streets tends to create a number of traffic problems, which greatly reduce the capacity of the street to move traffic. Future commercial developments should be allowed only on arterial streets and highways, preferably in planned developments like shopping centers.

A close look at the existing land use map indicates that there is many small commercial uses scattered throughout the City, usually in residential areas. Many of these uses are of nuisance-type uses, and it is doubtful that they could ever be incorporated into a rational commercial zoning district. These uses then constitute a zoning problem and will have to be dealt with by nonconforming use regulation in the zoning ordinance. Likewise, there are a number of uses that generate controversy because of the type of use, potential hazard or more often that not the intended location. These and other difficult to locate land uses should be the subject of a future study to recommend better ways to deal with them.

Industrial Uses

Industrial uses are those that include warehousing, transportation of goods, manufacturing or processing a durable or non-durable product, and recycling used goods and materials. Industrial land uses have, for the purpose of analysis, been subdivided into two classes, light and heavy. Heavy industries are those which produce a perceptible amount of dust, odor, smoke or noise, or are otherwise dangerous or objectionable when in proximity to other areas where people live, work or play. Conversely, light industries normally have little or no obnoxious or dangerous characteristics. Sometimes there is a fine line between light industrial and heavy commercial uses. For the purpose of this analysis light and heavy industrial uses are combined.

Based on Table VII, Existing Land Uses and Vacant Land Analysis, industrial uses constitute 150.12 acres or about 2.83 percent of the total developed area. There are not any industrial parks inside the corporate limits of the City of Petal, but there is an industrial corridor located on Highway 11 beginning just north of the intersection with Central Avenue. At present this presents very few problems in relationship to residential zoning, as the potential for neighborhood complaints is slim. The City of Petal industrial district is surrounded to the east by primarily single-family residential areas.

Although no present problems exist, it should be noted that the gas storage facilities have had three accidents to date. These three incidents include a major leak above ground in the 1970's that affected the entire northwest section of Petal, a leak underground, and a tank that separated and exploded.

Current Development Regulations

An analysis of the current zoning ordinance and subdivision regulations should be undertaken and the general findings of that analysis should provide for replacing the existing Zoning Ordinance No. 1979 (42 - A133) with a newly adopted zoning ordinance that reflects new techniques and approaches developed over the past 20 years and to permit greater flexibility to solve development problems. Further, there should be an adoption of decision making standards for development review consistent with this comprehensive plan that are actively supported by the Board of Aldermen.

Subdivision Regulations

The present regulations adopted July 2, 1992 provide for the development of residential and commercial subdivisions. These regulations allow the developer the option of curb

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and gutter or surface drainage, and overhead or underground utilities in most zoning districts, which allows for the development of affordable housing. In 2004, the City should consider amending regulations for subdivision incentives to assist developers with the cost of certain water and sewer infrastructure improvements, based upon approval of construction plans per subdivision, on a first come first served basis. Additionally, property taxes on subdivided property may not increase, but may remain at the unimproved or agricultural, non-homestead rate until construction is completed and the City issues a Certificate of Occupancy. Homestead tax exemption will require the State of Mississippi approval.

Most importantly, the zoning ordinances adopted must include specific language that addresses erosion control, landscaping and clear-cutting.

Future Land Use

Overview

The land use plan represents a composite of all the elements of the planning program. Within this context, the plan depicts in narrative, statistical and map forms the general relationships between land use patterns, major transportation arterials, schools, parks and other community facilities, and the overall environment of the community. Preparation of the land use plan was closely coordinated with the development of all other elements of the planning program, particularly the population and economic study, the transportation plan, and the community facilities plan.

In addition to coordinating the land use proposals with other elements of the planning program, preparation of this study largely consisted of two major work elements. The first work element was determining quantities of various land use categories needed to sustain anticipated future community growth through the planning period. The second major work element was selecting areas of the community that were best suited for a particular type of urban activity.

The land use plan is a general plan and should be used primarily as a policy guide for future development. The adoption of these policies by the Board of Alderman of the City of Petal establishes their dominance as a guide for land use decisions, and that they may be changed only by amending the plan. The land use plan shall also be used, as a forecast of the future land needs of the City of Petal area. Although the land use forecasts are for twenty years in the future, the life expectancy of the land use plan, for accuracy and applicability, is five to six years. This emphasizes the need to review the comprehensive plan annually and to revise the plan accordingly.

Methodology and Land Use Forecasts

The quantities of land needed to accompany various activities in an urban area depend on

The City of Petal has undeveloped property along major thoroughfares. As mentioned above, commercial development is most advantageous at "nodes" or intersections, and other land areas along or near these major thoroughfares can provide for residential development, whether single-family subdivisions or multi-family developments. Residential developments can be appropriate uses adjacent to major thoroughfares when the development faces away from the thoroughfare. By "backing up" to the major transportation corridor, the development is protected from unwanted through traffic while the corridor functions by providing the needed capacity to move people throughout the City. If commercial areas develop away from "nodes," consideration should be given to limiting the number of curb cuts to prevent traffic congestion and protect public safety. When residential uses back up to major transportation corridors, buffer areas such as greenways or parkways should be utilized. These parkways are shown on the Future Land Use Map. Public or Semi-Public areas include public and religious facilities.

When reviewing the Future Land Use Map, it is important to note, that not only should the City encourage commercial development along new corridors, the City should also invest in up grades of infrastructure of the existing commercial areas in the Central Business District (CBD). A redevelopment strategic plan should be developed for some areas of the CBD. Planned Unit Developments (PUD) should be encouraged in the City for multi-use type developments.

The City of Petal has experienced tremendous growth during the past decade. Over a ten-year period, 1995 - 2004, the City of Petal issued permits on average of 331 annually. During the same ten-year period, the City's total valuation of all construction was on average approximately \$6.8 million annually. The years with the largest valuation to date were 2001 totaling 12.9 million dollars. Wal-Mart and the Petal Pine Belt Family Y were constructed in 2001. In 2004, the City's total valuation of all construction was \$17.1 million and included the development of the school sports facility as well as construction of multiple commercial and cell towers.

a multitude of interrelated factors. The most important of these factors are the composition and the characteristics of the population, the economy of the area, and the trends in the density of development. Since all three of these factors are closely related, a change in one will cause a corresponding change in the other two. For example, the density of development is dependent, to a large degree, on raw land and development cost (economic factors). Therefore, if these costs increase, the density of the development usually increases, unless the costs are offset by a corresponding increase in income, sales or other economic factors. Although there are numerous methods and techniques used to forecast demands for the future land uses in urban areas, all of these techniques rely, directly or indirectly, on estimates of these factors.

The future land use plan, in order to be useful as a policy tool for guiding land use decisions, and is carefully composed. The Future Land Use Map is located behind Tab 7 of the Comprehensive Plan. In drafting the Future Land Use Map the following factors are considered when known:

1. Existing land use patterns and growth trends.
2. Existing zoning patterns.
3. Projected future land use needs based on projected future population and employment converted to the number of acres needed to accommodate projected growth levels.
4. Flood plains, excessive slopes (over 15 percent), and soil types.
5. Location of transportation corridors and open space.
6. Building permit trends.

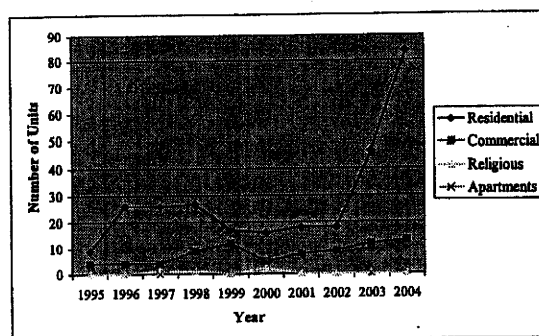
The following land use categories are included in the Future Land Use Plan

- > Low-Density Residential Areas
- > Medium to Medium-High Density Residential Areas
- > Professional/Neighborhood Commercial Areas
- > General Commercial Areas
- > Industrial Areas
- > Public or Semi-Public Areas
- > Schools, Parks and Open Space
- > Agricultural Areas
- > Thoroughfares and Parkways
- > Central Business District

The main difference between Low-Density Residential areas and Medium to Medium-High Density Residential areas is lot size. The Professional/Neighborhood Commercial areas should include those type businesses that would be a service to neighborhoods and would not negatively impact the adjacent residential areas. The General Commercial areas should be for businesses that service the City and the surrounding region. These type businesses generate more traffic and are typically located around transportation intersections. It should be noted however that transportation corridors while providing potential areas for commercial development are to provide avenues of moving people from one area of the City to another.

As shown in Graph I, 10-Year Building Permit Analysis for New Construction, of the building permits issued for new construction in the last ten years (1994 - 2004), almost 96.30% of the 405 permits issued were for residential structures. Of the 390 permits for residential new construction, 73.59% were for single-family residential and 26.41% was for new multi-family residential. Commercial permits account for about 19.75% of the total permits issued for new construction. An additional 37 permits were issued for the demolition of existing residential housing and commercial units over a ten-year period.

GRAPH I
10-YEAR BUILDING PERMIT ANALYSIS FOR NEW CONSTRUCTION



Source: City of Petal

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Table VII Land Use Classifications by Acreage requires consideration in development of the Future Land Use Map because it indicates the figures for developed land and available land for future development. Total land in the City of Petal equals 10,439.46 acres. Subtracting 5,303.48 acres of developed land from that total leaves 5,135.98 acres of vacant land. Of this amount, approximately 1,267.68 acres, or 202 parcels, are in water and waterways, floodways, floodplains, and severely sloping lands (over 15 percent slope). This leaves roughly 3,868.30 acres or 75.32 percent of the total land area of Petal as vacant developable land. Table VII will also assist in shaping zoning districts. Land that is vacant or undeveloped will be zoned based on adjacent districts, probable development, or will be zoned agricultural.

The Future Land Use Map will be instrumental in drawing the zoning map. In order for the zoning map to be optimally effective, it should closely mirror the Future Land Use Map. In addition to the Future Land Use Map, other considerations in drawing the zoning map are:

1. How many sets of districts shall there be?
2. How much space should be allocated to each type of district?
3. What types of land are suitable for each type of district?
4. What should be the physical relationships between various types of districts?
5. Where should the various districts be located, in general?
6. Where should the exact boundary lines of each district run?

In mapping zoning districts, there is usually a compromise between the districting pattern indicated by existing development and that called for by the future land use plan. The land use plan becomes a guide for this decision-making process, as well as for the deliberations to be followed in making later amendments to the zoning ordinance. Generally, zoning districts reflect certain principles:

1. Compatibility of uses
2. Appropriateness of the land
3. Location needs of uses
4. Affects of public services

As a general rule, it is more advisable to run the boundaries of a district along or parallel to rear lot lines, rather than through the center of a street. Where one side of a street is zoned for business and the other for residential use, there is a strong temptation for legislative bodies and courts to authorize business uses on the residential side of the

street. Where a district runs parallel to side lot lines it should avoid splitting lots. Land situated similarly should be zoned alike. Care should also be taken that not too many non-conforming uses are created in each district.

Chapter 4
Transportation Plan

Overview

For the purposes of this plan, the City of Petal need only to discuss streets as there is presently no air service within the confines of the present City limits. Rail service exists and at present does not provide passenger transportation to the City of Petal. Passenger service is available at the Hattiesburg Depot through Amtrak. The primary purpose of rail service is exclusively as a freight carrier. Thus, this is a street plan designed to connect residential, commercial and industrial areas with convenient and non-congested routes.

The City of Petal has a 15-passenger bus that is ADA accessible. This bus service is provided to residents of the City who are disabled Mondays through Thursdays for doctor visits and on Fridays for shopping. There is no charge for these riders; however, they must show copy of disability in order for access the bus service.

The City of Petal's street network is the result of gradual development over the period of the last thirty years since incorporation as a municipal entity. Prior to the last three years, street development had proceeded without much thought given to planning with the entire community in mind. Most if not all, street planning revolved around maintenance. With the new by-pass approved by the state and currently under construction, the City of Petal has started to change its focus.

The City of Petal recognizes the importance of the interrelationship between land uses and transportation. Various community activities such as shopping and employment centers, schools, and high-density residential development generate large amounts of traffic. However, it is also true that the construction of major streets will create pressure for more intensive types of development. If designed properly, major traffic arteries connecting focal points or community activities will have better traffic flow and fewer traffic accidents without passing through residential areas. The land use plan is valuable in helping make determinations between land uses and traffic routes.

Interstate

The City of Petal in the short term through construction of the Evelyn Gandy Parkway will have a link to Interstate 59 that provides a major north-south corridor across the State of Mississippi. Further, Interstate 59 connects to such cities as New Orleans and Chattanooga.

State Highways

The City of Petal has three numbered state highways: Mississippi 11 and Mississippi 42. Highway 11 serves as a north-south corridor and services the west side of Petal. Highway 42 is an east-west corridor running through the middle of Petal.

Arterials

There are also numerous arterial streets located within the City that allow traffic to flow over long distances at relatively high speeds. These traffic arteries also provide the motorist access to the state and federal highways and to the interstates.

Collectors

The City also has networks of collector streets that gather traffic from different areas within the City and deliver it to the arterial street system.

For the purpose of this plan, arterial and collector streets are defined as follows:

Arterial Street: A class of streets that carry relatively large volumes of through traffic from local and collector streets and conduct it to and from the various traffic focal points in the City. Arterials interconnect the principal traffic generators within the City as well as important rural routes. A secondary function of arterials is to provide access to abutting properties. The length of a typical trip on the system should exceed one mile, and arterials generally should be spaced about one mile apart. Major arterials are designed for the traffic volumes they carry, while minor arterials are under-designed for the traffic volumes they carry and require improvement.

Collector Street: A class of streets, which connects traffic between local streets and the arterial system and provides access to abutting property. These streets also provide for through-traffic movements within a local area, such as a subdivision. Collector streets should be spaced at approximately half-mile intervals.

Collector and arterial streets are part of a larger hierarchy of streets, which includes: interstate, arterials, collectors, and local or minor streets. These streets can be broken down into sub-classes, but this is not necessary for a City of Petal's size. The street classifications for interstate and local streets are as follows:

Interstate: An access-free, high-speed road with grade separated interchanges. Its function is to carry traffic with controlled access, no parking and no grade intersections for long distances.

Local Streets: The lowest category of streets whose primary function is to provide access to property abutting the public right-of-way; this includes both vehicular and pedestrian access.

The functional classifications of streets in the City of Petal are designated by the Mississippi Department of Transportation and are listed below:

- Principal Arterials:**
State Highway 42 (Central Avenue)
State Highway 11 (City limits to St. Hwy. 42)

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Minor Arterials:
State Highway 11 (North of St. Hwy. 42)
Old Richton Road
South Main Street
Carterville Road

Collector Streets:
Hillcrest Loop
North Main Street
Eight Avenue
Tenth Avenue
Morris Street
Chappel Hill Road
Railroad Street
First Avenue
South George Street
Leeville Road
Sunrise Road

All other streets in the City of Petal are classified as Local Streets. The City may consider requesting MDOT to evaluate Old Corinth Road and Springfield Road for consideration as collector streets. Table VIII, Surface Width Requirements lists minimum right-of-way and surface width requirements for streets in the City of Petal.

TABLE VIII
SURFACE WIDTH REQUIREMENTS

Type of Street	Minimum Right-of-way Widths	Width of Paved Surface
Minor Arterial	80 - 100 feet	
Collector	60 feet	35 feet
Local	50 feet	20 feet
Cul-de-sac		80 feet in diameter

Source: Shows, Dearman & Waits, Petal Subdivision Regulations

Analysis

The street circulation network in the City of Petal is generally adequate to meet demand. However, there are some noteworthy deficiencies:

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range-planning tool will allow City officials to propose changes to traffic patterns and road construction that will redistribute traffic prior to future project implementation.

Along with a Major Street Plan, the City should develop a Pedestrian and Bike Corridor Plan. This plan would include designating some thoroughfares that would be appropriate for building sidewalks as well as thoroughfares that could allow for a dedicated bike lane. Implementing this type of plan would be incremental over many years and would be developed in phases. However, once complete, the City of Petal would have pedestrian and bike corridors that link neighborhoods with other neighborhoods and with adjacent business areas that service those neighborhoods. These type of corridors for pedestrian and bike traffic would enhance overall transportation and improve the quality of life in the City of Petal. It should be noted that some of the corridors on the Future Land Use plan designated as Thoroughfares and Parkways may be appropriate areas for pedestrian and bike traffic. This plan is Figure 3 - 3 and is located behind Tab 8.

The City of Petal should work to tie into the Long Leaf Trace, the rails-to-trails project that is going to be brought to the Hattiesburg Depot. A bike trail could be built to link the City of Petal with this rails-to-trails program. The recreational opportunities for the citizens of Petal will be enhanced if the City can develop and implement a bike path program that can be a part of the Long Leaf Trace.

Shows, Dearman & Waits, Inc. completed a Street Study Report and Database in February 2005 for the City of Petal. The purpose of the study was to review the Road Surface Management Software (RSMS), which assists communities in proper maintenance and management of roadway systems, and to report the data collected in the implementation process and make recommendations. The RSMS system assists with the decision making process by incorporating not only reconstruction and rehabilitation of existing pavements, but also the preventive maintenance that can be done to prolong pavement life.

The inventory of the roadway system for the City determined that there are 310 individual roadway segments inside the City limits, totaling 52.14 miles of roadway. The roadway system has an average Pavement Condition Indicator, or PCI, value of 74, that on a scale of 0 - 100, is moderately high. This indicates that the City of Petal has more maintenance issues with the roadway system instead of any critical reconstruction issues. Appendix B is the output of the inventory database and the general characteristics of each street. Road segments with a PCI below 50 generally are in need of reconstruction and not maintenance. It should be noted that although a road segment has a low PCI number, it could be better management for the City to spend maintenance dollars on several different road segments with a higher PCI to extend the overall life span of those specific streets. The following year, transportation dollars could be placed toward a particular road segment with a lower PCI that is in need of reconstruction.

Table IX, Transportation Improvement Projects lists current and future projects that will improve transportation in the City of Petal. One project listed on Table IX is Byrd Boulevard. This proposed north south corridor will connect Old Richton Road with

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1. Traffic is congested on Central Avenue/Highway 42 along the present business district. Some of this congestion problem is anticipated to be alleviated with the completion of the Evelyn Gandy Parkway.
2. Traffic is congested on South Main. This is also a problem that is currently being addressed with the widening project under construction at the time of this plan.
3. Another deficiency is that businesses and single-family residences front on arterial streets. This creates numerous curb cuts or driveways that lead to traffic congestion and hazards.
4. There are vacant areas towards the east - north east of Petal that could be opened for future development. However, development of any kind will generally not occur unless roads and streets are in place first.
5. Due to increased development in the downtown Business District, traffic circulation patterns should be studied that complement development.

Annexation

The City's 2003 annexation included a number of roads, which became the City's responsibility for maintenance. For the most part, roads in the annexation area have been identified as not needing immediate improvements. This is considered a plus while other infrastructure improvements are under way. As part of the continued planning process, the City will examine the new expanded road network and determine where new roads, if any, are needed.

Recommendations

The City of Petal has developed transportation plans in the past beginning with the Community Development Plan as provided for the City of Petal by South Mississippi Planning and Development District in 1975 and the 1983 Comprehensive Plan completed by Dunaway and Hall, Inc. Additionally, on a broader scale, the City of Petal has a transportation plan that was completed for the Hattiesburg Petal Forrest Lamar Metropolitan Planning Organization and is included in the Mississippi Unified Long Range Transportation Infrastructure Plan of 2002. What remains constant and is also a major consideration of this plan is to understand that transportation decisions have an effect on social, economic, and environmental issues throughout the community.

The commercial development on Highway 42 east of the present business district has and will continue to increase traffic, which will in effect put increased pressure on other roads to compensate for the congestion. Therefore, it is the recommendation of this plan that the City of Petal over the course of the next year develops a Major Street Plan. This long

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Highway 42 where Wal-mart and Bancorp South are located. A development is planned for the vacant land along this proposed corridor called Eastbrook. This development, with a total of 175 acres excluding Wal-mart, would be a mix of commercial, residential and public land uses. The public uses would include school property, with 19.5 acres, and recreational uses such as ball fields, with 18.7 acres.

One of the largest transportation construction projects in the City of Petal's history to date is the construction of the Evelyn Gandy Parkway. This two lane divided road will provide a needed overpass of the railroad on the western side on the City and will connect Highway 42 at Byrd Boulevard with Interstate 59 at exit 69 in Glendale. This project includes several phases and is included on the Mississippi Department of Transportation's (MDOT) - Transportation Improvement Program. Once the Evelyn Gandy Parkway is complete, MDOT has stated that the ownership of Central Avenue/Highway 42 between Railroad Street and Byrd Boulevard will be turned over to the City of Petal. The City of Petal will be responsible for the maintenance of this street segment; however, MDOT has stated that this segment will be resurfaced prior to the City becoming responsible.

The Evelyn Gandy Parkway will enhance the City of Petal's transportation system and provide areas for new commercial growth, such as the Eastbrook Development. The MDOT also plans to five lane the existing Highway 42 from the Evelyn Gandy Parkway through the City of Petal to the east. The exact time frame for this project is not known. Intersections along Highway 42 should be evaluated to determine where traffic signals might be warranted to assist with traffic flow.

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TABLE IX
TRANSPORTATION IMPROVEMENT PROJECTS

Fy	Fund	Type Work	Location	Fed-Fund	St/Local Fund	Total
2005	FSL	Widen/Overlay	South Main from Central Ave to Leaf River	1,504,734	486,578	1,991,312
2005	FSL	Bike Trail	East of S. Main St. btwn 8th St and Charles St	80,000	20,000	100,000
2005	LSBP	Bridge Replacement	Chappel Hill Rd at Green's Creek		150,000	150,000
2005	NFA	Construction	Eastern Portion of Petal - North from Wal-Mart - Byrd Blvd.			3,300,000
2006	NFA	Widen/Overlay	Old Richton Rd to City Limits		750,000	750,000
2006	NFA	Capacity Deficiency	Morris St. btwn S. Main St and Central Ave		600,000	600,000
2006	NFA	Drainage Improvements	Hillcrest Lp btwn Carterville Rd and Hwy 42		500,000	500,000
2006	NFA	Reconstruction	Springfield Road		700,000	700,000
2006	NFA	Construction	Friendly Park from Hillcrest N		500,000	500,000
2007	NFA	Reconstruction	Sunrise Rd to Southeastern City Limits		1,000,000	1,000,000
Total Project Cost						4,850,000

FSL - Federal, State and Local; NFA - No Funds Available; LSBP - Local State Bridge Program
Source: Hattiesburg-Petal-Forest-Lamar Metropolitan Planning Organization 2005-2006 Transportation Improvement Program (TIP)

In addition to these projects listed above, traffic signal upgrades are planned for two intersections in the City: 1. Main Street and Central Avenue; 2. Central Avenue and Old Richton Road. The traffic signal upgrades include installing mast arm signals with cameras. Also, a turn lane will be added on Central Avenue at Cameron Street to improve traffic flow.

Chapter 5
Community Facilities Plan

Overview

Community facilities are buildings, lands, equipment and services, which are owned and operated for the benefit of the community. Some of these services are essential to maintaining a healthy and safe community, while others are focused toward the cultural and educational aspects of a community. Often a community facilities plan is used as a basis for a capital improvements program. This plan will address the City of Petal's housing, parks and recreational facilities, public schools, public buildings and facilities, and utilities.

Housing

According to 2000 census data and shown in Table X, Housing Unit Comparison, the City of Petal has 3,208 housing units: 2,053 owner occupied, 926 rental occupied, and 229 vacant. Of the occupied housing units, 68.92% are owner-occupied. Since 1980, the percentage of owner-occupied homes has remained constant: 71.66% in 1980 and 70.98% in 1990. Additionally, through annexation in 2003, the City of Petal gained 765 housing units for a total of 3,973 housing units.

TABLE X
HOUSING UNIT COMPARISON

Type of Housing Unit	1980	1990	2000	2003*
Occupied Housing Units	3,024	2,954	2,979	n/a
Owner Occupied	2,167	2,097	2,053	n/a
Rental Occupied	857	857	926	n/a
Vacant Housing Units	244	226	229	n/a
Total Housing Units	3,268	3,180	3,208	3,973

* after annexation

Source: Census 1980 - 2000; Bridge & Slaughter, February 4, 2003

Parks And Recreation

Currently, the City of Petal has 4 parks and recreational areas that comprise 29.3 acres. There is an additional 14-acre park expansion to the facility on Hillcrest Street that has been proposed. Most parks include ball fields and other recreational facilities, which serve the needs of children, teens and adults. A 9-hole golf course is located in the eastern portion of the City of Petal. Private recreational facilities include the Petal Recreation Club that provides a swimming pool and tennis courts.

According to current standards for a City the size of Petal, neighborhood park areas should be approximately 3.5 acres per 5,000 populations. The City of Petal's current park system exceeds those standards.

Table XI lists all existing parks, acreage, facilities, programs and ages served under the jurisdiction of the City of Petal Parks and Recreation Department.

TABLE XI
PARKS AND RECREATIONAL FACILITIES

Park	Location	Size	Facilities	Programs	Ages Served
Friendly Park	Hillcrest Loop	16.8 acres	playground structure, 3 grills, 3 tables, 3 swings, 2 slides, restrooms	Family outings, Easter Egg Hunt	all
Emma D. Hill Park	McLinnis Street	190' x 620'	basketball court, slide, 2 swings, 2 grills, 3 tables	Kids Night Out	4 and up
Optimist Park	Hilltop Drive	N/A	Concession stand, 3 baseball fields, 3 batting cages, restrooms	Youth baseball	5 to 14
Relay Park	West 8th Ave.	12.5 acres	Pavilion, walking track, restrooms	Relay for Life, family outings	all

Source: Parks and Recreation Department

The overall goal of the City is to provide quality recreational facilities and programs with diversity and balance that are available to all City residents. This is accomplished by offering organized sports leagues for youth and adults, a wide variety of recreational and instructional classes at various centers and facilities, numerous special events and festivals, as well as passive leisure activities that enhance the quality of life for our

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residents. In addition to the recreational facilities described in Table XI, the City has the Robert E. Russell, Sr. Sports Complex that the school district uses. This facility has 1 baseball field, 2 softball fields, 2 tennis courts, 1 walking track, concession area and restrooms.

At this time, the City of Petal has ample open space and recreation facilities to serve the public. However, demographic and economic changes will have a significant impact on the nature and type of need and demand for recreational facilities and programs in the near future. With projected increases in the numbers of middle-aged and senior citizens, a national emphasis on physical fitness, and an increasing amount of leisure time, the City of Petal's Parks and Recreation Department has begun to feel the demand for additional facilities and services such as: an indoor recreational facility for such activities as swimming, exercise, and sports leagues currently being conducted in various school gymnasiums, additional neighborhood parks in newer subdivisions, relocation of one or more older parks and sports complexes that have outlived their usefulness, additional programs and classes offered to our senior citizens, and a complete renovation of several facilities that need to be modernized and updated.

Schools

The Petal School District, which has four school campuses, consistently performs as one of the best school districts in the state. With a combined 2004 - 2005 enrollment of 3,666 students, the four schools have a combined square footage of 427,528. Of these facilities, two are elementary schools, one is a middle school, and one is a high school. The proposed projects for the facilities are reflected in Table XII, Petal School District Facilities and include renovating the auditorium at Petal Middle School and building a horticulture classroom and lab at Petal High School.

TABLE XII
PETAL SCHOOL DISTRICT FACILITIES

Facilities	Grade Structure	Student Enrollment	Certified Personnel	Enrollment Projections 2005 - 2006	Proposed Projects
Petal Elementary School	K - 2	879	61	860	n/a
W.L. Smith Elementary School	3 - 5	863	58	860	n/a
Petal Middle School	6 - 8	927	64	936	Renovate Auditorium
Petal High School	9 - 12	997	85	1,041	Build Horticulture Classroom & Lab

Source: Petal School District, 2005

Demographics Now projects that while the school age population will increase, the increases are minimal and the percentages of the various elementary, middle, and high school populations will remain fairly constant.

Petal Elementary is located at 1179 Highway 42 and was built in 1979. Additions to the building were completed in later years, with the most recent additions done in 1999 and 2004. These additions include a cafeteria addition, classroom addition, dining hall addition and a storage building. Total square footage of Petal Elementary is 73,187, as reflected in Table XIII, Petal Elementary School.

TABLE XIII
PETAL ELEMENTARY SCHOOL

Facilities	Completion Date	Square Footage
Petal Elementary	1979	55,824
Special Education Trailer	1991	2,850
Cafeteria Addition	1999	693
Classroom Additions	1999	11,640
Dining Hall Addition	1999	1,300
Storage Building	2004	880
Total Square Footage		73,187

Source: Petal School District

Located at 400 Hillcrest Loop, W. L. Smith Elementary was built in 1964. Additions were made to W.L. Smith between 1989 to 2005 and the total square footage of the facility is 68,197. These additions are described in Table XIV, W.L. Smith Elementary School.

TABLE XIV
W.L. SMITH ELEMENTARY SCHOOL

Facilities	Completion Date	Square Footage
W.L. Smith Elementary	1964	35,438
Classroom Additions	1989	13,936
Library Music Building	1989	3,300
Gymnasium	1993	3,600
Community Class Building	1999	10,350
Cafeteria Addition	1999	693
Storage Building	2005	880
Total Square Footage		68,197

Source: Petal School District

Petal Middle School, located at 203 Highway 42, was built in 1952 and became the new high school. In 1979, a new high school was built and this facility became the middle school. Petal Middle School has had multiple additions over time, most recently over the past decade. The middle school has a total square footage of 118,946. These additions are as follows in Table XV, Petal Middle School:

TABLE XV
PETAL MIDDLE SCHOOL

Facilities	Completion Date	Square Footage
Petal Middle School	1952	38,388
Sixth Grade Building	1952	10,323
Classrooms & Storage	1952	1,488
Gymnasium	1959	17,100
Weight Room/Storage	1964	4,200
Head Start Building	1972	5,600
Cafeteria/Library	1994	12,938
Visitor Restrooms/ Football Field	1994	200
Cafeteria Addition	1999	2,052
Classrooms/ Administrative Office	1999	14,301
Music Building	2002	11,628
Home Restrooms/ Football Field	2003	728
Total Square Footage		118,946

Source: Petal School District

Petal High School was built in 1979 and, like Petal Middle School, has had numerous additions to the facility. This facility is located at 1145 Highway 42. The total square footage of Petal High School is 167,198. Table XVI, Petal High School lists the type of additions to the facility and square footage.

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TABLE XVI
PETAL HIGH SCHOOL

Facilities	Completion Date	Square Footage
Petal High School	1979	79,316
Boiler Building	1979	624
Music Building	1986	8,400
Greenhouse Building	1989	1,440
Field House	1989	6,250
Vocational Shop	1989	2,000
Occupational Technology	1995	6,270
Technology Discovery	1995	4,200
Polymer Science	1997	6,650
Art Room/ISS	1997	1,768
Orchestra Building	1997	1,440
Classroom Additions	1999	10,003
Performing Arts Center	2000	18,405
Performance Enhancement Center	2004	19,000
Concession/Restrooms/Press Box	2005	1,430
Total Square Footage		167,198

Source: Petal School District

The administrative office of the school district is located at Central Office at 115 Highway 42. This building was constructed in 1923 and used initially as the original high school. It has 9,202 square feet. In addition to the Central Office, the Petal School District has a Police/Technology Building that was built in 1998 and has 1,500 square feet. A transportation center was built in 1980 and has 3,250 square feet and a maintenance building was completed in 1997 with 2,880 square feet. The Petal Center for Children and Families is located on Central Avenue and is operated by the Petal School District. This center has 15,205 square feet and includes the Head Start program. The previous Parenting Center, now the Phil Harden Center, has 5,021 square feet and is located on South Main Street. With the four schools combined square footages of 427,528 and the remaining school facilities, the Petal School District facilities total 466,586 square feet.

Public Buildings And Facilities

As indicated on Figure 5 - 1, Community Facilities Map, public facilities include City Hall, the Civic Center, the Public Works Complex, the Police Station and three Fire Stations (one proposed). City Hall was constructed in 1977 and is located at 102 West 8th Avenue. It should be noted, City Hall could be renovated to have a second floor to allow for expansion.

The Post Office is located at 121 Morris Street. The Petal Branch of the Hattiesburg Public Library System shares a building with the Civic Center and is located at 714 S. Main Street. This building was completed in 1994.

Sewer Facilities

The City of Petal currently subcontracts to the City of Hattiesburg for its sanitary sewer treatment needs. The City of Hattiesburg Sanitary Sewer Treatment Facility utilizes mechanical treatment with an activated sludge primary treatment plant and 2-stage denitrification secondary treatment plant. This facility's plant has a capacity of 20 MGD (million gallons per day), and is located on James Street in Hattiesburg. During wet weather the facility typically has 12 - 13 MGD; however, an average daily flow is 10 MGD. The treatment facility utilizes a newly renovated aeration system and sludge press and upgrading plans include the replacement of screw pumps.

The annexed area will require 120,854 linear feet of sewer lines to service all recently annexed residents. These needs are shown in Table XVII, Sanitary Sewer Improvements - Annexed Area.

TABLE XVII
SANITARY SEWER IMPROVEMENTS - ANNEXED AREA

Description	Unit	Quantity
4" PVC Force Main	Linear feet	5,080
6" PVC Force Main	Linear feet	812
8" PVC Force Main	Linear feet	88,137
12" PVC Force Main	Linear feet	16,700
Lift Stations	Each	12
Lift Station Upgrade	Each	1

Source: Bridge & Slaughter, 1999

Water Facilities

Water System

In 2001, Shows, Dearman and Waits, Inc. conducted a Hydraulic Analysis for the City of Petal. The findings in this study are included in the following description of the water facilities in the City of Petal.

Prior to annexation, the City of Petal's water system was divided into two different supply zones. Each zone is supplied with water from the elevated storage tank and the ground storage tank. Two treatment plants, Plant A and Plant B, supply the ground storage tank. Plant A is located on Hillcrest Loop approximately one half mile north of Carterville Road at the intersection of Hillcrest Loop and Boxtel Street. Plant B is located on South Main Street approximately 500 feet south of Central Avenue. Another treatment plant, Plant C, supplies water to the elevated storage tank. Plant C is located on Old Richton Road in the southeast corner of the intersection with Kelly Rose Lane. A security fence along all sides protects each of the three treatment plants.

The ground storage tank supplies water to the City primarily south of the tank, located on Fairchild Drive. The capacity of this tank is 500,000 gallons, and it is 75 feet high and 34 feet in diameter. The elevated storage tank, also with a 500,000 gallon capacity, supplies water to the City primarily in the northern section along Old Richton Road and on in the eastern areas along Highway 42 from Hillcrest Loop. The ground

storage tank serves approximately 2500 customers and the elevated storage tank serves the other 500 customers. The ground and elevated storage tanks are connected to form one system with four pressure-reducing valves (PRV's) located in strategic areas of the system. The PRV's are located at the following intersections to supply water to the ground storage system when the pressure drops below a preset valve: 1. Leoville Road and Chappel Hill Road; 2. Old Richton Road and Fairchild Drive; 3. Fairchild Drive and Old Coriath Road; 4. Hillcrest Loop and Morrow Drive.

In 2004, the City of Petal approved to add fluoride to the City's water supply. This will benefit the City's dental health. It does not include the water system that provide water for the recently annexed areas. The fluoride will be included in the City's water system in 2005.

Water Lines, Valves and Hydrants

Table XVII, Water Distribution Lines - Existing City, lists the lengths of the distribution lines maintained by the City of Petal prior to annexation in 2003.

TABLE XVIII
WATER DISTRIBUTION LINES - EXISTING CITY

Line Size	Length (Linear feet)
2 inches	101,500
6 inches	152,200
8 inches	70,540
10 inches	8,530
Total	332,770

Source: Shows, Dearman & Waits

Prior to the annexation in 2003, the City of Petal has approximately 196 gate valves and 211 fire hydrants. Table XIX, Water Improvements - Annexed Area lists all water improvements needed in the recently annexed area.

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TABLE XIX
WATER IMPROVEMENTS - ANNEXED AREA

Description	Unit	Quantity
6" PVC Water Main	linear feet	3684
8" PVC Water Main	linear feet	18,771
Valves and Fittings	L.S.	2
Fire Hydrants (West)	each	22
Fire Hydrants (East)	each	84

Source: Bridge & Slaughter, 1999

Stormwater

In response to the 1987 Amendments to the Clean Water Act (CWA), the U.S. Environmental Protection Agency (EPA) developed Phase I of the NPDES Stormwater Program in 1990. The Phase I program addresses sources of stormwater runoff that had the greatest potential to negatively impact water quality. Under Phase I, EPA required NPDES coverage for stormwater discharges from:

- Medium and large municipal separate storm sewer systems (MS4's) located in incorporated places or counties with populations of 100,000 or more;
- Eleven categories of industrial activities including construction activities that disturb five or more acres of land.

The Phase II Final Rule, published in the Federal Register on December 8, 1999 requires NPDES permit coverage for stormwater discharges from:

- Certain regulated small municipal separate storm sewer systems; and
- Construction activities disturbing between one and five acres of land.

According to the City of Petal's Stormwater Phase II Program, prepared by Eco-Systems, Inc. and Neal-Schaffer, Inc., the regulated small MS4's as defined by EPA include all small (under 100,000 people) MS4's located in "urbanized areas" as defined by the Bureau of the Census, and those small MS4's located outside of an urbanized area that are designated by NPDES permitting authorities.

TABLE XX
NUMBER AND COST OF STREETLIGHTS IN SERVICE

Provider	No. of Streetlights	Average Monthly Cost	Average Annual Cost
Mississippi Power Company	5,995	5,100	61,200
Dixie Electric	399	2,618	31,416
Totals	6,394	7,718	92,616

Source: Mississippi Power Company, Dixie Electric Company

Most residential areas in the City of Petal are lighted with 100-watt high-pressure sodium lights. No new mercury vapor lights are being installed. These are being phased out in favor of high-pressure sodium lights. The streetlights in residential areas are generally 150 to 200 feet apart. The same holds true on more heavily traveled streets except that the lights are more likely to be 150, 250, or 400-watt high-pressure sodium lights. The City should take steps to ensure that appropriate street lighting and where applicable, pedestrian lighting, are placed in new and existing developments.

Solid Waste

Since November 1, 2004, Water Management, Inc. provides solid waste garbage collection within the confines of the City limits of the City of Petal. Due to annexation, Enviro, Inc. provides solid waste garbage collection and disposal to that area of the county now within the new City limits. Enviro will have to surrender its existing customers to Waste Management on March 1, 2008. This will effectively consolidate the City under one garbage collection contract and one waste hauler. Commercial garbage collection and disposal is at the discretion of the business entity and can contract with any number of existing waste hauling firms.

For disposal purposes, the City of Petal is a charter member of the Pine Belt Regional Solid Waste Management Authority. The City entered into a twenty-year contract effective in April of 1994. At such time that the bonds have been retired for the Pine Belt Regional Solid Waste Management Authority, the City of Petal will be in a better position to negotiate its disposal needs.

Because of the City of Petal's location within the Hattiesburg Urbanized Area, it was designated as a regulated MS4 under the EPA Phase II Stormwater Program. The regulations require the City to develop a stormwater management plan. This plan was finalized and submitted to the Mississippi Department of Environmental Quality on March 10, 2003. This began a five-year permitting cycle during which the City of Petal is required to fully implement its program as submitted. The program was developed as an issue-specific Stormwater Phase II Program. The specific issues to be addressed via program are as follows:

1. General Stormwater Runoff Pollution
2. Illegal Dumping and Improper Disposal of Household Hazardous Wastes and Automobile Wastes
3. Erosion and Sedimentation Associated with Construction and Development
4. Leaking Septic Tanks and Sewage Pollution
5. Impaired water bodies and Total Maximum Daily Load Programs (1. Biological Impairment Linked to Pathogens, Metals, Pollutants, Organic Enrichment, Low Dissolved Oxygen, and TSS and 2. Fish Consumption Advisories Linked to Dioxins and Organics from Spills and Runoff Associated with Industrial Wood Treating Facilities)

Chapter 2 The Program components include Public Education, Public Involvement, Illicit Discharges Detection and Elimination, Construction Site Runoff Controls, Post-Construction Runoff Controls, and Pollution Prevention/Good Housekeeping. Best management practices (BMPs), measurable goals, and implementation schedules are provided for each of the six program components.

The City of Petal is currently in its third year of the five-year implementation cycle with re-issuance of the permit scheduled for March 2008. In the process of implementing the program, the city has adopted a comprehensive, model stormwater ordinance that addresses construction activities, post-construction stormwater management and illicit discharge detection and elimination. The most significant component of this ordinance is that it requires property owners, contractors, and developers to submit a notice of intent and a stormwater pollution prevention plan for all construction activities that disturb from between one and five acres of land. This permitting process is currently managed concurrently through the City's code enforcement division.

Streetlights

Mississippi Power Company and Dixie Electric both work with the City's Public Works Department regarding streetlights. Table XX, Number and Cost of Streetlights in Service, shows the number of streetlights covered by Mississippi Power and Dixie Electric in the City of Petal and average monthly and annual cost. The power costs vary based on the number of days in the month and changes in fuel costs.

Animal Control

An employee of the City assigned to the Petal Police Department operates the City of Petal Animal Control Division. This employee serves the City in enforcing existing ordinances relating to animals and humanely capturing stray and unwanted animals. All captured animals are transported to a humane shelter located in the City of Hattiesburg. Animal control handles approximately 700 calls per year and in the immediate prior year picked up 475 animals, 255 dogs and 220 cats. 85 citations were issued in 2004 to individuals whose animals were not in compliance with the lease laws of the City.

Police Protection

The Petal Police was started in 1974 at incorporation and currently has 23 sworn police officers and 10 police reserves. The reserve officers are required to attend all in-service training as the full time officers. The City's officer to population ratio is 2.34 officers to 1,000 people. This ratio favorably reflects the comprehensive protection the City enjoys. The Police Department responds to approximately 7,500 calls for service each year. The Police Department has interlocal agreements with the Mississippi Bureau of Narcotics, Forrest County Sheriff's Department and the Hattiesburg Police Department.

To provide efficient service, the police department is comprised of specialized units to combat specific problems as they occur. Examples of specialized units are: two K-9 units, a narcotics unit, and a Public Affairs Officer/Warrants Officer. An Emergency Response Unit is being formed. The City maintains a two-cell temporary holding facility and all detainees requiring long-term incarceration are taken to the Forrest County jail for processing. The police department vehicle fleet consist of 26 Fords, Dodges, Chevrolets, and Hondas that range from one year to three years of ages. The police department has one office at 127 West 8th Avenue.

The Police Department is in desperate need of a Radio Base Station for Dispatch. Currently the Police Department uses a mobile unit that has 15 watts. A Radio Base Station would have 35 watts and would provide better coverage for communications for the police officers. With the City's recent annexation, it is important to have a Radio Base Station instead of the mobile unit to ensure officer safety and a better range for communications. A Radio Base Station can cost from \$30,000 to \$40,000. Grants may be used to assist with the purchase of this equipment.

Fire Protection

The fire department, which began in 1965, provides a variety of services including fire suppression, fire code inspection, fire investigation, fire prevention education, and citywide rescue. The City is served by 16 fulltime firefighters and 6 part-time firefighters. The fire department also has 10 volunteer fire fighters. The two fire stations are located at the following addresses: 1) 109 West 8th Avenue, 2) 102 Fairchild Drive.

EXHIBIT "A"

A third Fire Station will be build in the recently annexed area on Highway 42. This fire station will be located between the school property and a commercial development, directly across from Trailwood West subdivision.

Fire Station #1 was built in the 1960s and needs renovations to restrooms and vent fans installed in the bays. Fire Station #2 was built in 1976 and needs a new roof and also needs vent fans installed in the bays. Fire Station #1 will need to be rebuilt in the future.

The fire department has 3 pumper trucks bought in 1984, 1998 and 2003. After twenty years, the Mississippi Rating Bureau requires that a fire truck be replaced or the engine, the fire pump, and the transmission have to be rebuilt. The City will need an aerial truck that can be used as a pumper and a ladder truck.

The Fire Department has two custom pumpers. The 1984 pumper carries 750 gallons of water, approximately 1500 feet of 3" hose, and 400 feet of 1 1/2" hose with an assortment of appliances and nozzles. This pumper is presently being used as a reserve pumper and is housed at Station # 2. Like the 1984 pumper, the 1998 pumper has a 750 gallon water tank, approximately 1500 feet of 3" hose and 400 feet of 1 1/2" hose. This fire truck is housed at Station # 1. The 2003 pumper has a commercial chassis with a 1000 gallon water tank and approximately 1500 feet of 3" hose with 600 feet of 1 1/2" hose. Both the 98 and 03 carry jaw of life for extrication and rescue equipment.

The fire department answered 818 calls in 2004 and 557 calls in 2003. The City has interlocal agreements in effect with the Hattiesburg Fire Department, Macedonia Volunteer Fire Department, and the Sunrise Volunteer Fire Department. Upon completion of the Evelyn Gandy Parkway, the Petal Fire Department will have an interlocal agreement with North Forest Volunteer Fire Department.

The City of Petal has 322 hydrants in the City and of those, approximately 106 are located in the recently annexed area. These fire hydrants are tested annually for flow and condition of the hydrant. Barrontown Water Association has been working with the Fire Department to place fire hydrants were needed in the recently annexed area.

Since 1998, the Mississippi Rating Bureau designated the City of Petal as a class 7 community. If the City of Petal became a class 6 community, local businesses would see a significant decrease in fire insurance payments. The City would have to become a class 3 for homeowners to see a drop in insurance rates. In order for the City of Petal to be designated a class 6, the following things must occur:

- > Increase the pressure on fire hydrants, especially at dead ends
- > Locate more water shut-off valves
- > Add water lines compliant with city water pressures

The City of Petal has adopted the National Fire Code and has a regular fire inspector who makes annual inspections for compliance.

Recommendations

In addition to recommendations mentioned throughout the Community Facilities Plan, another recommendation is that the City research how many properties and owned by the City and State of Mississippi within the City limits. Tax delinquent lands should be located and analyzed to determine if they can be acquired and related to the overall plan.

In relation to housing, water, and sewer, the City should continue to apply for Community Development Block Grant (CDBG) funds where applicable to address the City's needs. CDBG dollars can be spent to improve those facilities for areas that service low to moderate-income persons.

Chapter 6
Closing

Implemented by the Zoning Ordinance, Subdivision Regulations, various land use ordinances, building codes, and a capital improvements program, the Comprehensive Plan will serve as a guide for the physical and economic development of the City of Petal. The goals put forth in this plan are designed as strategies for the long-term planned growth of the City. Petal recognizes that in order to meet both present and future needs and in order to experience economic and physical growth, comprehensive planning is essential. It is for these reasons that the City of Petal's Comprehensive Plan has been developed. It is also important for the Comprehensive Plan to be updated to assist the City with changes that need to be made in the Zoning Ordinance, Subdivision Regulations and other city codes and programs.

EXHIBIT "B"

Security Vulnerability Self-Assessment Guide for Mississippi's Public Water Systems

City of Petal Water Department
NAME OF PUBLIC WATER SYSTEM

180011
PWS ID NUMBER(S)

May 3, 2005
Date Completed

Date Last Updated
(should be updated annually)



MISSISSIPPI STATE
DEPARTMENT OF HEALTH
DIVISION OF WATER SUPPLY

A Note about Security of this Document	
	This document contains sensitive information about the security of your water system. Therefore, it should be treated as Confidential Information and should be stored in a secure place at your water system. A duplicate copy should also be stored in a secure off-site location.

Acknowledgments

This document is the result of collaboration among the Association of Drinking Water Administrators (ASDWA), the U.S. Environmental Protection Agency (U.S. EPA), the U.S. EPA Drinking Water Academy, and the National Rural Water Association (NRWA). We also thank NRWA for the template that was used as the foundation for this project.

Security Vulnerability Self-Assessment Guide for Mississippi Public Water Systems

Introduction

Water systems are critical to every community. Protection of public drinking water systems must be a high priority for local officials and water system owners and operators to ensure an uninterrupted water supply, which is essential for the protection of public health (safe drinking water and sanitation) and safety (fire fighting).

Adequate security measures will help prevent loss of service through terrorist acts, vandalism, or pranks. If your system is prepared, such actions may even be prevented. The appropriate level of security is best determined by the water system at the local level.

This Security Vulnerability Self-Assessment Guide is designed to help public water systems determine possible vulnerable components and identify security measures that should be considered. A "vulnerability assessment" is the identification of weaknesses in water system security, focusing on defined threats that could compromise its ability to provide adequate potable water, and/or water for firefighting. This document is designed particularly for systems that serve populations of 3,300 or less. This document is meant to encourage smaller systems to review their system vulnerabilities, but it may not take the place of a comprehensive review by security experts.

The Self-Assessment Guide has a simple design. Answers to assessment questions are "yes" or "no," and there is space to identify needed actions and actions you have taken to improve security. For any "no" answer, refer to the "comments" column and/or contact your state drinking water primary agency.

How to Use this Self-Assessment Guide

This document is designed for use by water system personnel. Physical facilities pose a high degree of exposure to any security threat. This self-assessment should be conducted on all components of your system (wellhead or surface water intake, treatment plant, storage tank(s), pumps, distribution system, and other important components of your system).

The Assessment includes an emergency contact list for your use. This list will help you identify who you need to contact in the event of an emergency or threat and will help you develop communication and outreach procedures. Filling out the Emergency Contact List is an important step toward developing an Emergency Response Plan, which outlines detailed procedures on how to respond to an emergency.

may be able to obtain sample Emergency Response Plans from your state drinking water primary agency. Security is everyone's responsibility. We hope this document helps you to increase the awareness of all your layers, governing officials, and customers about security issues.

Once you have completed this document, review the actions you need to take to improve your system's security. Make sure to prioritize your actions based on the most likely threats. Please complete the Certificate of Completion on page 37, make a copy of the completed certificate for your official records, and return only the certificate to the Division of Water Supply of the Mississippi State Department of Health. Do not include a full copy of your self-assessment.

Keep this Document

This is a working document. Its purpose is to start your process of security vulnerability assessment and security enhancements. Security is not an end point, but a goal that can be achieved only through continued efforts to assess and upgrade your system.

Don't forget that this is a sensitive document. It should be stored separately in a secure place at your water system. A duplicate copy should also be retained at a secure off-site location.

Access to this document should be limited to key water system personnel and local officials as well as the state drinking water primary agency and others on a need-to-know basis.

Security Vulnerability Self-Assessment

Record of Security Vulnerability Self-Assessment Completion

The following information should be completed by the individual conducting the self-assessment and/or any additional revisions.

Name: Ralph Edleman

Title: Operator - Supervisor

Area of Responsibility: Daily operation & maintenance

Water System Name: City of Petal

PWSID: 180011

Address: 109 W. 8th Ave

City: Petal

County: Essex

State: Mississippi

Zip Code: 39464

Telephone: 601-544-6987

Fax: 601-545-6685

E-mail: _____

Date Completed: 5-3-05

Date Revised: 5-3-05 Signature: Ralph Edleman

Date Revised: _____ Signature: _____

Date Revised: _____ Signature: _____

Date Revised: _____ Signature: _____

Date Revised: _____ Signature: _____

Page # of _____

EXHIBIT "B"

Inventory of Public Water System Critical Components

Component	Number & Location (if applicable)	Description
Source Water Type		
Ground Water	4	
Surface Water		
Purchased		
Treatment Plant		
Buildings	3	
Pumps	4 well 4 service	
Treatment Equipment (e.g., basin, clearwell, filter)	2 clearwells 4 chlorinators 2 acetates 2 lime feeders	
Process Controls	3 switch gear	1 per location
Treatment Chemicals and Storage	3 water Cl ₂ 3 line	1 phosphate
Laboratory Chemicals and Storage	none	
Storage		
Storage Tanks	1 storage gal elev tank	1 storage gal storage
Pressure Tanks		
Power		
Primary Power	yes	
Auxiliary Power	1 generator	
Distribution System		
Pumps	5	2 per treatment plant
Pipes		
Valves		
Appurtenances (e.g., flush hydrants, backflow preventers, meters)		
Other Vulnerable Points		
Offices		
Buildings	2 @ 10, 15 Ave	1 maintenance, 1 admin
Computers	2 @ office	
Files		
Transportation/ Work Vehicles	5 @ maintenance	
Communications		
Telephone	yes	
Cell Phone	yes	
Radio	yes	
Computer Control Systems (SCADA)	no	

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QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
1. Do you have a written emergency response plan (ERP)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	It is essential that you have an ERP. If you do not have an ERP, you can obtain a sample from your state, getting your primary responsibility. Emergency Contact List (see Attachment 2).	A plan is being to state there is an incident that requires immediate attention. You should develop a plan to ensure it is up-to-date and address security emergencies. You should designate someone to be contacted in case of an emergency regardless of the day of the week or time of day. This contact information should be kept up-to-date and made available to all water system personnel and local officials (if applicable). Share the ERP with public, emergency personnel, and your state primary agency. Posting contact information is good idea only if it is not a security concern. If you are concerned about security, then you should post a security plan if posted for public viewing since it gives people information that could be used against the system.
2. Is access to the critical components of the water system (i.e., a part of the system that is necessary for water flow and/or water quality) restricted to authorized personnel only?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	You should restrict or limit access to the critical components of your water system to authorized personnel only. This is the first step in security enhancement for your water system. Consider the following: • Issue water system public identification cards for employees, and require them to be displayed when the restricted area is at times. • Post signs restricting entry to authorized personnel and ensure that assigned staff escort people without proper ID.	

Security Vulnerability Self-Assessment for Public Water Systems

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
3. Are lockers, travel, reading and any other items stored in a secure location where appropriate?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Lockers, all facilities should have a security fence around the perimeter.	
4. Are your doors, windows, and other points of entry such as turn, and roof hatches and vents kept closed and locked?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The same person should be visiting periodically to check for locks and ensure they are properly secured. If a minimum, provide the same person with a concrete "key" (marker) about the condition of your critical components from accidental or intentional damage. Lock all windows, doors, and vents, hatches and vents, gates, and other points of entry to prevent access by unauthorized personnel. High level of security for the core. A daily check of critical system components enhances security and ensure that an unauthorized entry has not taken place. Doors and hinges to critical facilities should be constructed of heavy-duty reinforced material. Hinges on all outside doors should be located on the inside. To limit access to water systems, all windows should be locked and reinforced with wire mesh or iron bars, and located on the inside. Systems should ensure that the type of security frames with the same level of security as the windows, doors, and other points of entry.	
5. Is there national spying around the critical components of your water system?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Advocate lighting of the exterior of water system's critical components in a good observed to unauthorized access and any result in the detection or observation of equipment, motion detector, or other devices that turn lights on or trigger alarms when they are tampered with or destroyed.	
6. Are warning signs (Impersonal, unauthorized access, etc.) posted on all critical components of your water system (e.g., buildings, storage tanks, equipment, and other critical components)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Warning signs are an effective means to deter unauthorized access. Warning signs with the facility to a locked cabinet should be placed on all critical components. These are available from your state or other sources.	
7. Do you restrict and protect your water lines, buildings, storage tanks, equipment, and other critical components?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Unauthorized Personnel Only: Unauthorized Access Prohibited, and Restricted Area. These signs should be placed on all critical components and reinforced with wire mesh or iron bars, and located on the inside. Systems should ensure that the type of security frames with the same level of security as the windows, doors, and other points of entry. Consider adding your local law enforcement agencies to conduct periodic of your water system. Advise them of your critical components and explain why they are important.	

EXHIBIT "B"

Water Sources
In addition to the above general checklist for your entire water system (questions 1-13), you should give special attention to the following issues. Considered in separate tables, related to various water system components. Your water sources (surface water, groundwater, etc.) should be secured. Surface water supplies present the greatest challenge. Typically they encompass major water sources. They are not as secure as groundwater. They are also more likely to be affected by drought or increased law enforcement patrols. Pay particular attention to surface water intakes. Ask the public to be vigilant and report suspicious activity.

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
14. Are your water sources secured?	Yes <input type="checkbox"/> No <input type="checkbox"/>	A properly sealed wellhead decreases the opportunity for the introduction of contaminants. If you are not sure whether your wellhead properly seals, contact your local health department, water association, or other technical assistance providers.	
15. Are well caps and caps secured and securely attached?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Properly installed well caps can help prevent the introduction of a contaminant into the water supply. Ensure that well caps are their purpose, and cannot be easily tampered or removed.	
16. Are observation/vent and abandoned wells properly secured to prevent unauthorized access?	Yes <input type="checkbox"/> No <input type="checkbox"/>	All observation/vent and abandoned wells should be properly capped or secured to prevent unauthorized access. Observation wells should be sealed with concrete. Abandoned wells should be sealed with concrete.	
17. Have you secured your water sources against unauthorized access (e.g., by trespassers or persons who have access to the source)?	N/A	Surface water supplies present the greatest challenge to secure. Often, they encompass large land areas. Wellheads should be secured, caps should be secured, and law enforcement patrols should be increased.	
Treatment Plant and Suppliers Some small systems provide easy access to their water system for suppliers of equipment, chemicals, and other materials for the convenience of both parties. This practice should be discontinued.			
18. Are deliveries of chemicals and other supplies made in the presence of a person authorized to receive them?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Establish a policy that an authorized person, designated by the supplier, must be present at all deliveries. Verify the credentials of all drivers. This prevents unauthorized personnel from having access to the water system.	ACTION NEEDED/TAKEN
19. Have you discussed with your supplier(s) procedures to ensure the security of their products?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Verify that your suppliers take precautions to ensure that their products are not contaminated during transport. You should inspect chemicals and other supplies at the time of delivery to verify they are sealed and in unopened containers. Match all delivery trucks with purchase orders to ensure that they are, in fact, ordered by you. You should keep a log or journal of deliveries. It should include the driver's name (obtain from the driver's photo ID), date, time, material delivered, and the supplier's name.	

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
6. Is the area around the critical components of your water system free of objects that may be used for breaching and entry?	Yes <input type="checkbox"/> No <input type="checkbox"/>	When assessing the area around your water system's critical components, look for objects that could be used to gain entry (e.g., signs, trees, concrete blocks, pieces of wood, ladders, wire legs, and other tools).	
9. Are the entry points to your water system easily seen?	Yes <input type="checkbox"/> No <input type="checkbox"/>	You should clear fence lines of all vegetation. Overhanging or nearby trees may also obscure entry points. Avoid landscaping that obscures entry points. Trim trees and shrubs to enhance the visibility of your water system's critical components. If possible, post vehicles and equipment in places where they do not block the view of your water system's critical components.	
10. Do you have an alarm system that will detect unauthorized entry or attempted entry at critical components?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Consider installing an alarm system that notifies the proper authorities or personnel when there has been a breach of security. Inexpensive systems are available. An alarm system should be considered whenever possible for tanks, pump houses, and treatment facilities. You should also have an audible alarm at the site as a deterrent and to notify neighbors of a potential threat.	is it being this matter to the Board.
11. Do you have a key control and accountability policy?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Keep a record of locks and associated keys, and to whom the keys have been assigned. This record will facilitate lock replacement and key management (e.g., after employees are terminated). Keys for vehicles and building keys should be kept in a location when not in use. You should have all keys stamped (engraved) "DO NOT DUPLICATE".	
12. Are entry codes and keys limited to water system personnel only?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Suppliers are personnel from contracted organizations (e.g., engineering, construction, etc.) who are not water system personnel. Keys should be issued to contractors and other personnel only. Codes should be changed frequently if possible. Entry into any building should always be under the direct control of water system personnel.	
13. Do you have a neighborhood watch program for your water system?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Neighborhood watch programs can be very helpful to a security program. Make sure they know whom to call in the event of an emergency or suspicious activity.	

Distribution
Hydrants are highly visible and conspicuous entry points into the distribution system. Maintaining and monitoring positive pressure in your system is important to prevent fire penetration and prevent introduction of contaminants.

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
25. Do you control the use of hydrants and valves?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Your water system should have a policy that requires the use of hydrants and valves only for fire protection. Remote automation and backflow devices if a hydrant is used for any purpose other than fire fighting. Consider designating specific hydrants for use as filling stations (with proper backflow prevention (e.g., to meet the needs of construction firms). Then, notify local law enforcement officials and the public that these are the only sites designated for the use.	
26. Does your system monitor backflow prevention devices?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Backflow prevention devices are essential for fire fighting and for preventing backflow into the distribution system. Refer to your state primary agency for minimum drinking water pressure requirements.	
27. Has your system backflow prevention program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	In addition to maintaining minimum pressure, backflow prevention is essential for the prevention of backflow. If you need information on backflow prevention programs, contact your state drinking water primary agency.	
Personnel You should add security procedures to your personnel policies.			
28. Do you have a security program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	It is good practice to have all job candidates fill out an employment application. You should verify professional references. Background checks should be performed during the hiring process. Many potential employees should be required to undergo a background check, and do so before they are hired. Security procedures should be established (as required by the Department of Homeland Security, the Department of Justice, and the Department of State, Form 501).	ACTION NEEDED/TAKEN

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
20. Are chemicals, particularly those that are flammable, highly volatile, or highly toxic, properly stored in a secure area?	Yes <input type="checkbox"/> No <input type="checkbox"/>	All chemicals should be stored in an area designated for their storage. The area should be secure and access to the area restricted. Access to chemical storage should be available only to authorized employees. You should have tools and equipment on site (such as a fire extinguisher, dry sweep, etc.) to take immediate actions when handling of new and treated water can establish a hazardous condition. You should know if there has been a contamination incident. Some parameters for raw water include pH, turbidity, total and total dissolved solids, color, and odor.	Checked daily 265
21. Do you monitor raw and treated water so that you can detect changes in water quality?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Routine parameters for finished water and distribution systems include pH, turbidity, total dissolved solids, color, and odor. Chlorine demand and chlorine residual are also important indicators of contamination in your system. For those systems that use chlorine, absence of a chlorine residual may indicate possible contamination. Chlorine residuals provide protection against bacterial and viral contamination that may enter the water supply. The use of tamper-proof products at entry points (tanks, wells, booster stations) will reduce the potential for unauthorized entry.	
22. Are tank ladders, access hatches, and entry points secured?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Children, dogs, and other animals can help you identify potential problems with your water system. A sudden change in demand may be a good indicator of contamination in your system.	
23. Are vents and overflow pipes properly provided and secured?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All vents and overflow pipes are direct conduits to the finished water system. Vents and overflow pipes with heavy-duty screens and/or grates. If you have screens, consider putting physical barriers on the legs to prevent unauthorized climbing.	
24. Can you isolate the storage tank from the rest of the system?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	A water system should be able to take its storage tanks (with) out of operation or drain its storage tanks. If there is a contamination incident, shut-off or bypass valves to allow you to isolate the storage tank in the case of a contamination problem or structural damage. Consider installing a sampling tap on the storage tank outlet to test water in the tank for possible contamination.	

EXHIBIT "B"

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
35. Do you have information on the status of your system or computer that you can use to determine whether they contain critical information that should be removed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Nothing contains information about your system on a regular basis. We should be reviewed to determine whether they contain critical information that should be removed.	
36. Are maps, records, and other information stored in a secure location?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	You should do a Web search (using a search engine such as Google, Yahoo!, or Lycos) using key words related to your water supply to find any published data on the Web that is easily accessible by someone who may not be authorized to view it. Records, maps, and other information should be stored in a secure location when not in use. Access should be limited to authorized personnel only. You should make backup copies of all data and sensitive documents. These should be stored in a secure off-site location on a regular basis. Sensitive documents (e.g., schematics, maps, and plans) and records should be stored in a secure location. You should discuss measures to safeguard your documents with others for your project.	Will address this
37. Are copies of records, maps, and other sensitive information stored in a secure location? Are copies controlled and returned to the water system?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Vehicle was escorted to any water system. They typically contain maps and other information about the operation of the water system. Water system personnel should exercise caution to ensure that this information is secure.	
38. Are vehicles locked and secured at all times?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Water system vehicles should be locked when they are not in use or left unattended. Remove any critical information about the system before parking vehicles for the night. Vehicles are usually locked (e.g., valve wrenches) that could be used to tamper with the water system. These tools should be secured and accounted for daily.	
Public Relations You should encourage your customers about your system. You should encourage them to alert and to report any suspicious activity to law enforcement authorities.			
39. Do you have a program to educate and encourage the public about the security of their water supply? Do you have a security program to educate the public about the security of their water supply?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Advise your customers and the public that your system has increased security. For the security of the public, you should have a security program to educate the public about the security of their water supply. The telephone number can be made available through a toll-free number, posted on community bulletin boards, and distributed to other water systems.	ACTION NEEDED/TAKEN J.K. address this

QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
30. Are your personnel issued photo-identification cards?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Photo identification with the facility identification of authorized personnel should be required to access the water system. Photo identification cards should be required to display them at all times.	ACTION NEEDED/TAKEN J.K. address this
31. When terminating employees, do you require employees to turn in photo IDs, keys, access codes, and other security-related items?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Formerly classified employees have knowledge about the operation of your water system, and could have both the intent and physical capability to harm your system. Requiring employees who are terminated to turn in their photo IDs, keys, access codes, and other security-related items will help to reduce the risk of unauthorized access to your water system.	
32. Have water system personnel been advised to report security vulnerabilities or suspicious activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Your personnel should be trained and knowledgeable about security issues at your facility, what to look for, and how to report any suspicious events or activity. Periodic meetings of authorized personnel should be held to discuss security issues or activity.	
33. Do your personnel have a checklist to use for threats or suspicious calls or to report suspicious activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	To ensure prompt assistance or threatening phone calls or reports of suspicious activity, a simple checklist can be used to record and report all pertinent information. Calls should be reported immediately to appropriate law enforcement. Simple checklists are included in Attachment 3. Also consider installing caller ID on your telephone system to keep a record of recurring calls.	
Information storage/computer controls/alarm Security of the system, including computerized controls like a Supervisory Control and Data Acquisition (SCADA) system, goes beyond the physical aspects of operation. It also includes records and critical information that could be used by someone planning to disrupt or contaminate your water system.			
34. Is computer access password protected? Is password protected? Is password protected? Is password protected?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	All computer access should be password protected. Passwords should be changed every 90 days and be unique. Passwords should be unique and not shared with others. If you have internet access, a firewall protection program should be installed on your computer. Also consider installing a virus protection program and subscribing to a virus update program to protect your records. Backing up computer data should be made routinely and stored at a secure off-site location.	

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QUESTION	ANSWER	COMMENT	ACTION NEEDED/TAKEN
40. Does your water system have a procedure to deal with public information distribution of sensitive information?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	You should have a procedure for personnel to follow when you receive an inquiry about the water system or its operation from the press, customers, or the general public. Your personnel should be advised not to speak to the media on behalf of the water system. Only one person should be designated as the primary contact for the media. You should establish a process for responding to inquiries from your customers and the general public.	We also have yearly customer satisfaction reports
41. Do you have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	As soon as possible after a disease outbreak, you should notify local health agencies and your water system. You should have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies. You should have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies.	
42. Do you have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	As soon as possible after a disease outbreak, you should notify local health agencies and your water system. You should have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies. You should have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies.	
43. Do you have a procedure in place to receive notification of a suspected outbreak of a disease or other health emergency by local health agencies?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	It is critical to be able to get the word out to your customers as soon as possible after a health hazard. In your water supply, you must also comply with the requirements of the Public Notification Rule. Some simple measures include announcements via radio and public notices in public places. The announcement should include drinking water. Call large facilities that have large populations of people, nursing homes, the school district, jails, large public buildings, and large companies. Email the support of local emergency response personnel to assist in the event. It is critical to be able to respond to and quickly identify potential problems. In advance to investigate and identify the cause of the problem, as well as to alert local health agencies, your state drinking water primary agency, and your local emergency planning committee if you discover a problem.	

EXHIBIT "B"

IMPORTANT

Now that you have completed the "Security Vulnerability Self-Assessment Guide for Mississippi Public Water Systems," review your needed actions and then prioritize them based on the most likely threats. Attach to assist you in prioritizing actions is provided in Attachment 1.

Attachment 1. Prioritization of Needed Actions

Once you have completed the "Security Vulnerability Self-Assessment Guide for Mississippi Public Water Systems," review the actions you need to take to improve your system's security. Note the questions to which you answered "no" on this worksheet. You can use it to summarize the areas where your system has vulnerability concerns. It can also help you prioritize the actions you should take to protect your system from vulnerabilities. Make sure to prioritize your actions based on the most likely threats to your water system.

Question Number	Needed Action	Scheduled Completion
10	I will talk to the board, not a session, discuss etc.	2005
12	I will personally contact neighbors near treatment plants & give them educational photo etc.	2005
29	will consider photo ID cards	2005
37	will label and advise employees & others	2005
39	will do this (question 12)	2005
42	will implement suggestion in the corrective column	2005

Attachment 2. Emergency Contact List

We urge all public water systems to adopt an emergency response plan (ERP). Emergency plans are action steps to follow if a primary source of drinking water becomes contaminated or if the flow of water is disrupted. You can obtain sample ERPs from your state drinking water administrator, or from your state primacy agency.

This sample document is an "Emergency Contact List." It is an essential part of your ERP. It contains the names and telephone numbers of people you might need to call in the event of an emergency. This is a critical document to have at your disposal at all times. It gives you a quick reference to all names and telephone numbers that you need for support in the case of an emergency.

Filling out this Emergency Contact List reminds you to think about all of the people you might need to contact in an emergency. It also may encourage you to talk with these people about what you and they would do if an emergency were to occur.

Section 1. System Identification

Public Water System (PWS) ID Number	180011		
System Name	City of Petal		
Town/City	Petal, Mississippi		
Telephones Numbers	601-544-6981 System Telephone	601-297-9621 Evening/Weekend Telephone	
Other Contact Information	601-545-6685 System Fax	jmishae@cityofpetal.com Email	
Population Served and Number of Service Connections	7679 People Served	3208 Connections	
System Owner (The owner must be listed as a person's name)	Tony Phillipis Mayor		
Name, title, and telephone number of person responsible for maintaining this emergency contact list	R.W. Eddleman operator Name and title	601-297-9621 601-641-0799 Telephone	

Section 2. Notification/Contact Information
Local Notification List

ORGANIZATION	CONTACT NAME/TITLE	TELEPHONE (DAY)	TELEPHONE (NIGHT)	EMAIL
Fire Department	Richard Bryant, Chief	601-583-0991	601-897-3434	65yand@petal.com
Police Department	Lee Shelbourne, Chief	601-544-5381	601-897-5809	
FBI Field Office				
County Health Department	Franklynn Heath, Asst. Mgr.	601-583-0291		
Primary Agency District Office				
Local Hospital	Great Southern Hospital	601-888-1900		
Local Emergency/Planning Committee				
EMS	Mark Spicelli			
Local Pharmacy	Petal Nova Pharmacy	601-545-3141		
Local Nursing Home	Bedford Care	601-544-7441		
Local Schools	Petal School District	601-545-3002		
Local Prisons				
Local Government Official	Tony Phillipis, Mayor	601-545-1776		
Local Hazmat Team	Fire Station 1	601-583-0991		
Water System Operator	R.W. Eddleman	601-297-9621	601-641-0799	
Neighboring Water System	Water System	601-583-8959		
Neighboring Water System	Sunrise Utility	601-583-8959		
Other				

EXHIBIT "B"

State Notification List

ORGANIZATION	CONTACT NAME/TITLE	TELEPHONE (DAY)	TELEPHONE (NIGHT)	EMAIL
Massachusetts Department of Health (Division of Water Supply)	David H. Mitchell	601.578.7518 (8 a.m.-5 p.m.; Monday-Friday)	601.578.7400	
Department of Environmental Protection (for state equivalent)				
Massachusetts Emergency Management Agency				
County Emergency Management	Gregg Street	615-410-15		
Hazmat Hotline				

Media Notification List

ORGANIZATION	CONTACT NAME/TITLE	TELEPHONE (DAY)	TELEPHONE (NIGHT)	EMAIL
Designated Water System Spokesperson	Bob Edlow	414-0799		
Newspaper - Local	Bob Lewis Petroleum Journal	204-4628		
Newspaper - Regional/State	WFSB	882-4321		
Radio	WFSB	545-1595		
Radio				
Radio				
Television	WFSB WVUE	544-4734		
Television				
Television				

Service/Repair Notification List

ORGANIZATION	CONTACT NAME/TITLE	TELEPHONE (DAY)	TELEPHONE (NIGHT)	EMAIL
Electrician	Alford Electric	414-584-8977	601-270-1419	
Electric Utility Company	W. S. S. Co. Inc.	545-4332	1-800-487-2825	
Gas Utility Company	Planet Energy	617-314-1111	601-249-9792	
Sewer Utility Company	City of Petal	601-544-4481	601-247-9121	
Telephone Utility Company	City of Petal	544-5094		
Pumper	Tridale Pumping	601-544-0225		
Pump Specialist	Tridale Pumping	601-544-0225		
Ty, Saver or local equivalent	Tridale Pumping	601-544-0225		
Soil Excavation/Backhoe Operator	Wood Service	601-533-1884	601-293-1627	
Equipment Rental (Power Generators)	W. S. S. Co. Inc.	601-544-4332		
Equipment Rental (Chlorinators)	Wood Service	1-800-487-2825		
Equipment Rental (Portable Pumps)	Wood Service	601-533-1884	601-293-1627	
Equipment Repairman	W. S. S. Co. Inc.	601-544-4332		
Radiolabeling Repair Services	W. S. S. Co. Inc.	601-544-4332		
Boiled Water Source	Wood Service	601-293-1627		
Bulk Water Hauler	Wood Service	601-293-1627		
Pump Supplier	W. S. S. Co. Inc.	601-544-4332		
Water Drifters	W. S. S. Co. Inc.	601-544-4332		
Pipe Supplier	W. S. S. Co. Inc.	601-544-4332		
Chemical Supplier	W. S. S. Co. Inc.	601-544-4332		
Local/Regional Analytical Laboratory	Radiata Analytical	601-244-2354		

Section 3. Communication and Outreach

Communication

Communications during an emergency poses some special problems. A standard response might be to call "911" for local fire and police departments. But what if your emergency had disrupted telephone lines and over-loaded cell phone lines? Talk with your county emergency management agency about local emergency preparedness and solutions to these problems. Increasingly, state emergency agencies are establishing secure lines of communication with limited access. Learn how you can access those lines of communication if all others fail.

Outreach

If there is an incident of contamination in your water supply, you will need to notify the public and make public health recommendations (e.g., boil water, or use bottled water). To do this, you need a plan.

- How will you reach all customers in the first 24 hours of an emergency?
- Appoint a media spokesperson—a single person in your water system who will be authorized to make all public statements to the media.
- Make arrangements for contacting institutions with large numbers of people, some of whom may be immuno-compromised:
 - Nursing homes
 - Hospitals
 - Schools
 - Prisons

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EXHIBIT "B"

Attachment 3: Threat Identification Checklists

Water System Telephone Threat Identification Checklist

In the event your water system receives a threatening phone call, remain calm and try to keep the caller on the line. Use the following checklist to collect as much detail as possible about the nature of the threat and the description of the caller.

Types of Tampering/Threat: Termination <input type="checkbox"/> Threat to tamper <input type="checkbox"/> Biological <input type="checkbox"/> Bombs, explosives, etc. <input type="checkbox"/> Chemical <input type="checkbox"/> Other (explain)	
2. Water System Identification: Name: Address: Telephone: PWS Owner or Manager's Name:	
3. Alternate Water Source Available: Yes/No <input type="checkbox"/> If yes, give name and location:	
4. Location of Tampering: <input type="checkbox"/> Distribution Line <input type="checkbox"/> Water Storage Facilities <input type="checkbox"/> Treatment Plant <input type="checkbox"/> Raw Water Source <input type="checkbox"/> Treatment Chemicals <input type="checkbox"/> Other (explain):	
5. Contaminant Source and Quantity:	
7. Date and Time of Tampering/Threat:	
8. Caller's Name/Alias, Address, and Telephone Number:	
9. Is the Caller (check all that apply): <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Foul <input type="checkbox"/> Hilarious <input type="checkbox"/> Well Spoken <input type="checkbox"/> Irrational <input type="checkbox"/> Incoherent	

10. Is the Caller's Voice (check all that apply): <input type="checkbox"/> Soft <input type="checkbox"/> Loud <input type="checkbox"/> Angry <input type="checkbox"/> Slow <input type="checkbox"/> Rapid <input type="checkbox"/> Slurred <input type="checkbox"/> Nasal <input type="checkbox"/> Laughing <input type="checkbox"/> Crying <input type="checkbox"/> Normal <input type="checkbox"/> Deep <input type="checkbox"/> High <input type="checkbox"/> Clear <input type="checkbox"/> Lying <input type="checkbox"/> Stuttering <input type="checkbox"/> Old <input type="checkbox"/> High <input type="checkbox"/> Cracking <input type="checkbox"/> Excited <input type="checkbox"/> Young <input type="checkbox"/> Familiar (who did it sound like?) <input type="checkbox"/> Accented (which nationality or region?)	
11. Is the Connection Clear? (Could it have been a wireless or cell phone?)	
12. Are There Background Noises? <input type="checkbox"/> Street noises (what kind?) <input type="checkbox"/> Machinery (what type?) <input type="checkbox"/> Voices (describe) <input type="checkbox"/> Children (describe) <input type="checkbox"/> Animals (what kind?) <input type="checkbox"/> Computer Keyboard, Office <input type="checkbox"/> Motors (describe) <input type="checkbox"/> Music (what kind?) <input type="checkbox"/> Other	
13. Call Received By (Name, Address, and Telephone Number): Date Call Received: Time of Call:	
14. Call Reported to:	Date/Time
15. Action(s) Taken Following Receipt of Call:	

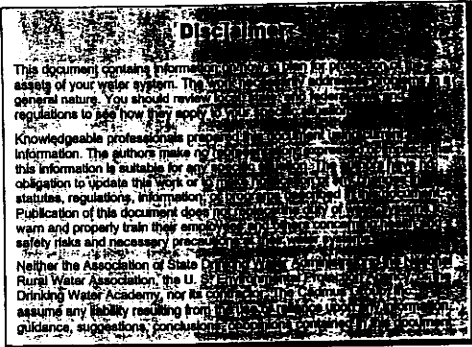
Water System Report of Suspicious Activity

In the event personnel from your water system (or neighbors of your water system) observe suspicious activity, use the following checklist to collect as much detail about the nature of the activity.

1. Types of Suspicious Activity: <input type="checkbox"/> Breach of security systems (e.g., lock out, door forced open) <input type="checkbox"/> Changes in water quality noticed by customers (e.g., change in color, odor, taste) that were not planned or announced by the water system <input type="checkbox"/> Unauthorized personnel on water system property. <input type="checkbox"/> Other (explain) <input type="checkbox"/> Presence of personnel at the water system at unusual hours	
2. Water System Identification: Name: Address: Telephone: PWS Owner or Manager's Name:	
3. Alternate Water Source Available: Yes/No <input type="checkbox"/> If yes, give name and location:	
Location of Suspicious Activity: <input type="checkbox"/> Distribution Line <input type="checkbox"/> Water Storage Facilities <input type="checkbox"/> Treatment Plant <input type="checkbox"/> Raw Water Source <input type="checkbox"/> Treatment Chemicals <input type="checkbox"/> Other (explain):	

5. If Breach of Security, What was the Nature of the Breach? <input type="checkbox"/> Lock was cut or broken, permitting unauthorized entry. Specify location <input type="checkbox"/> Lock was tampered with, but not sufficiently to allow unauthorized entry. Specify location <input type="checkbox"/> Door, gate, window, or any other point of entry (vent, hatch, etc.) was open and unsecured Specify location <input type="checkbox"/> Other Specify nature and location	
6. Unauthorized personnel on site? Where were these people? Specify location What made them suspicious? <input type="checkbox"/> Not wearing water system uniforms <input type="checkbox"/> Something else? (Specify) What were they doing?	
7. Please describe these personnel (height, weight, hair color, clothes, facial hair, any distinguishing marks):	
8. Call Received By (Name, Address, and Telephone Number): Date Call Received: Time of Call:	
9. Call Reported to:	Date/Time:
10. Action(s) Taken Following Receipt of Call:	

EXHIBIT "B"



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Certification of Completion

A final step in completing the "Security Vulnerability Self-Assessment Guide for Small Drinking Water Systems" is to notify the Mississippi State Department of Health that the assessment has been conducted. Please fill in the following information and send a copy of this page to the Mississippi State Department of Health. NOTE: You must maintain a copy of this page in your official records.

Public Water

System (PWS) ID: 180011
System Name: City of Petal Water Service
Address: 109 W. 9th Ave
Town/City: Petal State: Mississippi
ZIP Code: 39465
Phone: 601-546-6981 Fax: 601-546-6982
Email: _____
Person Name: Daph Edlowan
Title: operator
Address: 28 Tuckle Bluff
Town/City: Hanceville State: MS
ZIP Code: 39459
Phone: 601-641-0799 Fax: _____
Email: _____

I certify that the information in this vulnerability assessment has been completed to the best of my knowledge and that the appropriate parties have been notified of the assessment and recommended steps to enhance the security of the water system have been identified. Furthermore, a copy of the completed assessment will be retained at the public water system, in a secure location, for review by the Mississippi State Department of Health when requested.

Signed Daph Edlowan Date 5-3-05

VERY IMPORTANT!!

Mail this completed page to: Mississippi State Department of Health
Division of Water Supply
P. O. Box 1700
Jackson, MS 39215-1700

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EXHIBIT "C"

Public Water System Emergency Response Plan Template

**This ERP has been officially adopted
by the following public water system:**


CITY OF PETAL WATER SYSTEM
(Name of Public Water System)

#180011
(PWS ID #s of This Public Water System)

MAY 3, 2005
Date Officially Adopted

Date Last Updated
(should be updated annually)

Provided by
Mississippi State Department of Health
Division of Water Supply



Water System Emergency Response Plan

Section I.

General ERP Statement

- a. Pursuant to guidance from U.S. EPA and in compliance with Section 1415 of the Safe Drinking Water Act and the Emergency Planning and Community Right-to-Know Act, CITY OF PETAL (print/type name of public water system) has adopted the following Emergency Response Plan to serve as a guide to the management and other staff in responding to an emergency event. Should such an event occur, board members, employees, and other agents of the system shall use this ERP as a guide and their best judgment in preparing an appropriate response. The water system ERP shall be reviewed by the board each year and updated as necessary.

Section II.

General Workplace Safety Policy Statements

- b. General Policy Statement
Pursuant to Occupational Health and Safety Administration regulations and other federal and state laws, it is the policy of the water system to provide employees with safe and healthy working conditions. It is the Policy of the water system that employees and other agents performing work for the system adhere to the following policy statements in an effort to minimize the chance of workplace accidents which can result in injuries or death to employees or others.
- 2.02 Reporting Workplace Hazards
The water system requires all employees to report existing and potential hazards as soon as practicable to the Certified Operator. It is the responsibility of the water system Board to take every reasonable measure to remove or warn employees about the reported hazards.
- 2.03 Contact List Posting
Copies of the water system ERP Contact List shall be posted at the Water Office as well as in every service truck or other vehicle owned or operated by the water system.
- 2.04 Safety Equipment Use
Individual Safety Equipment supplied by the system or safety components of equipment used by the employees of the water system including but not limited to seat belts, emergency flashing lights, hard hats, safety goggles, traffic cones or barricades, self contained breathing apparatuses, safety harnesses, or other equipment shall be used accordingly. Alteration or removal of any equipment or vehicle's safety device components including but not limited to seat belts, emergency flashing lights, emergency engine kill switches, weight sensitive seat kill switches, or other components is strictly forbidden.
1. Notification of Injuries
Employees must inform the Certified Operator of any on-the-job injury or accident requiring first aid or medical attention, whether or not worktime is lost. The Certified Operator will in turn conduct an investigation of any job-related injury or illness requiring a doctor's care. Injuries that require only first aid and result in no loss of production or worktime will be investigated by the Certified Operator who will in turn submit a written report to the Board.
2. Confined Entry - Climbing Prohibition
Employees lacking proper training or OSHA certification are prohibited from entering a confined vessel including but not limited to ground storage water tanks, hydro-pneumatic water tanks, water standpipes, or elevated tanks. Employees are also prohibited from climbing water standpipes or elevated tanks without a safety line and harness and in the absence of another employee on the ground.

CERTIFICATION OF ADOPTION

(For Rural Water Systems and Municipalities)
I hereby certify that the above CITY OF PETAL WATER SYSTEM (print/type name of public water system) Emergency Response Plan (ERP) was adopted by a motion properly made, seconded, and approved by the water system board on the 3 day MAY, 2005 A.D. with the effective date being 3 day of MAY, 2005 A.D. I further certify that this ERP remains in force and will not be amended, or rescinded without prior notification to the Division of Water Supply of the Mississippi State Department of Health.

Certified Record of Vote: _____ voting "Yes", _____ voting "No", _____ Abstaining or Absent.

Board Members voting "Yes"	Board Members voting "No"	Board Members Absent or Abstaining

(For Private Water Systems)
I certify that I, as owner of this public system (Name of Water System: City of Petal), have adopted this emergency response plan and that it remains in force for this public water system and will not be amended, or rescinded without prior notification to the Division of Water Supply of the Mississippi State Department of Health.

TONY PHILLIPS, MAYOR
Name of Responsible Official (Please Print or Type)

Responsible Official Name /Signature

5 / 03 / 2005

NOTE: A copy of this signed "Certification of Adoption" must be maintained along with a copy of the officially adopted Emergency Response Plan in the official records of the public water system and must be available for review by staff of the Mississippi State Department of Health during the conduct of annual sanitary surveys and capacity assessment ratings.

Mail completed form to : Division of Water Supply, P.O. Box 1700, Jackson, MS 39215

Section III.
General Emergency Response Procedures

5.01 General Emergency Procedures Statement
It is recommended that the water system employees adhere to the following steps in responding to all emergency event that threaten the system, its employees, its customers, and / or its ability to maintain pressure and to supply potable water in compliance of federal/ state drinking water standards.

- 20 Identify the threat to the public, customers, employees, and / or other system assets.
- 30 Take appropriate actions to prevent injuries and / or the loss of life.
- 40 Take appropriate actions to prevent additional injuries and / or damage.
- 40 Complete repairs based on priority demand.
- 40 Return water system to normal operational levels.
- 40 Evaluate effectiveness of the ERP in providing guidance to this emergency event.
- 40 Revise the ERP as necessary to improve guidance for future events of this type.

Section IV.

Accident Procedures

4.01 Accidents Involving Employees
In the event of a workplace related accident causing injury to an employee of the water system, any nearby uninjured employees shall attempt to assess the severity of the injury and determine if an Emergency Response is necessary. If emergency aid is required, the uninjured employees shall contact the appropriate emergency response by dialing 911 and giving the dispatcher specific information related to the accident, location, and nature of the injured employee's injuries. As soon as possible, the Certified Operator should contact the water system's insurance carrier (if the system has workers compensation insurance).

4.02 Accidents Involving Others
In the event of an accident causing injury to someone other than an employee of the water system but involving an employee while on the job, the employee shall contact emergency response as soon as practical by dialing 911. The employee should give the dispatcher specific information related to the accident, location, and nature of the injuries involved. As soon as possible, the Certified Operator should contact the water system's insurance carrier and attorney. All employees shall refrain from making statements or admissions of wrong-doing without first consulting the water system's attorney.

Section V.

Natural Disasters

5.01 Natural Disasters
In the event of an impending weather related warning or advisory including a Thunderstorm, Tornado, Hurricane, Winter Storm, Flooding, or other natural disaster, the Certified Operator should ensure that the water system is adequately prepared by securing facilities, equipment, and ensuring reasonable protection for the system employees. The water system should ensure that electrical power will be available in the event of an emergency power outage. Water systems that have not installed emergency generators should, if possible, sign a Pre Disaster Contract with a local generator supplier that ensures that a generator will be available in the event of an emergency power outage. As soon as possible after the immediate danger has ended, the Certified Operator should have the employees of the water system conduct a damage assessment of the water system. If the damage has caused or will cause a water outage, steps should be taken to restore water pressure as soon as possible and to issue a boil water notice. Whenever an emergency occurs, the Certified Operator should immediately contact the County Emergency Management Coordinator and request assistance (see attached list of County Emergency Coordinators).

CITY OF PETAL
ORDINANCE BOOK 3

ORDINANCE NUMBER 1979 (42-A163)

AN ORDINANCE CHANGING AND AMENDING THE COMPREHENSIVE ZONING ORDINANCE NO. 1979 (42) OF THE CITY OF PETAL, MISSISSIPPI, AS AMENDED BY ORDINANCE NUMBERS 1979 (42-1) THROUGH 1979 (42-A162) SO AS TO CHANGE THE ZONING CLASSIFICATION OF PROPERTY LOCATED ON EVELYN GANDY PARKWAY, CONTAINING 11.837 ACRES MORE OR LESS, PETAL, MS, FROM R-F (RURAL FRINGE) AND R-1 (LOW DENSITY RESIDENTIAL) TO C-2 (GENERAL COMMERCIAL DISTRICT).

BE IT ORDAINED BY THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPPI:

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the Comprehensive Zoning Ordinance Number 1979 (42) of the City of Petal, Mississippi, as amended by Ordinance Numbers 1979 (42-1) through 1979 (42-A162) and the same is hereby changed and amended as per petition filed in connection therewith so that the land described as listed below. Change of current zoning from R-F (Rural Fringe) and R-1 (Low Density Residential) to C-2 (General Commercial District), with the stipulation that the 100' (one hundred foot) buffer strip on the north and west side be left undisturbed as long as the current zoning remains in effect, no logging roads, no timber-cutting, no access back and forth through King Boulevard during construction and that the stipulations of the rezone be filed with the plat of the property.

Said land being more particularly described as follows, to wit:

COMMENCE AT A 1/2" REBAR AT THE NW COR OF THE NW 1/4 OF THE SE 1/4 OF SECTION 31, T5N, R12W, FORREST COUNTY, MS AND RUN N89°32'24"E FOR 328.83' TO A 3/4" IRON PIPE; THENCE RUN S00°08'32"E FOR 150.30' TO A 3/4" IRON PIPE AND THE POB. FROM THE POB RUN S 00°00'29"W FOR 669.53' TO A 1/2" REBAR AND THE NORTH ROW LINE OF EVELYN GANDY PARKWAY; THENCE RUN S86°43'03"W ALG SAID N ROW LINE FOR 369.04' TO A 1/2" REBAR; THENCE RUN E3°21'37"W FOR 443.5' TO A 1/2" REBAR AND THE E ROW LINE OF THE PROPOSED ROAD; THENCE RUN N 00°07'28"E ALG SAID EAST ROAD ROW FOR 583.40' TO A 3/4" IRON PIN; THENCE RUN N89°33'53"E FOR 299.60' TO A 1/2" IRON PIPE; THENCE RUN N89°50'11"E FOR 508.18' BACK TO THE POB. SAID PARCEL OF LAND IS PART OF THE NE 1/4 OF THE SW 1/4 AND THE NW 1/4 OF THE SE 1/4 OF S31, T5N, R12W, FORREST COUNTY, MS AND CONTAINS 11.837 ACRES

as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, is hereby classified and placed in the C-2 (General Commercial District) with the aforementioned stipulations.

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CITY OF PETAL SECTION 2. Except as hereby expressly changed and amended, the foresaid
MINUTE BOOK 24 Comprehensive Zoning Ordinance No. 1979 (42) of the City of Petal, Mississippi,

EXHIBIT "D"

as amended by Ordinance Numbers 1979 (42-1) through 1979 (42-A162) shall be and remain in full force and form as adopted on May 3, 2005.

SECTION 3. That this Ordinance shall take effect and be in full force within thirty (30) days from and after its passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same was introduced and read, and a vote was taken thereon, first section by section and then upon the Ordinance as a whole with the following results:

Those present and voting "AYE" and in favor of the passage, adoption and approval of Sections 1, 2 and 3 of the foregoing Ordinance:

ALDERMAN MICHAEL W. DRAUGHN
ALDERMAN WILLIE W. HINTON
ALDERMAN JOE C. MCMURRY, SR.
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A. TRAVIS

Those present and voting "NAY" or against the adoption of any section of the foregoing Ordinance:

NONE

Those present and voting "AYE" and in favor of the adoption of the foregoing Ordinance as a whole:

ALDERMAN MICHAEL W. DRAUGHN
ALDERMAN WILLIE W. HINTON
ALDERMAN JOE C. MCMURRY, SR.
ALDERMAN STEVE STRINGER
ALDERMAN WILLIAM A. TRAVIS

Those present and voting "NAY" or against the adoption of the foregoing Ordinance as a whole:

NONE

WHEREUPON, the foregoing Ordinance be, and the same is hereby passed, adopted and approved on this the 3rd day of May 2005.


TONY PHILLIPS, MAYOR

(SEAL)

ATTEST:


JEAN ESHEE, CITY CLERK

PUBLISH 1 TIME: May 20, 2005.

CITY OF PETAL
ORDINANCE BOOK 3

ORDINANCE NUMBER 1979 (42-A164)

AN ORDINANCE CHANGING AND AMENDING THE COMPREHENSIVE ZONING ORDINANCE NO. 1979 (42) OF THE CITY OF PETAL, MISSISSIPPI, AS AMENDED BY ORDINANCE NUMBERS 1979 (42-1) THROUGH 1979 (42-A163) SO AS TO CHANGE THE ZONING CLASSIFICATION OF PROPERTY LOCATED ON WEST SECOND AVENUE, PETAL, MS, FROM R-3 (MEDIUM DENSITY RESIDENTIAL) TO C-2 (GENERAL COMMERCIAL DISTRICT).

BE IT ORDAINED BY THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF

PETAL, MISSISSIPPI:

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the Comprehensive Zoning Ordinance Number 1979 (42) of the City of Petal, Mississippi, as amended by Ordinance Numbers 1979 (42-1) through 1979 (42-A163) and the same is hereby changed and amended as per petition filed in connection therewith so that the land described as listed below. Change of current zoning from R-3 (Medium Density Residential) to C-2 (General Commercial District).

Said land being more particularly described as follows, to wit:

COMM SE COR SW 1/4 SE 1/4 W330' N1320' W 82.5' FOR BEG W 82.5'
S200' E 82.5' N 200' TO BEG 209/125 4/59 DEED BK 737 PG 334
9/95 DBOOK 835 PG 373 02/07/2000

as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, is hereby classified and placed in the C-2 (General Commercial District).

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning Ordinance No. 1979 (42) of the City of Petal, Mississippi, as amended by Ordinance Numbers 1979 (42-1) through 1979 (42-A163) shall be and remain in full force and form as adopted on May 3, 2005.

SECTION 3. That this Ordinance shall take effect and be in full force within thirty (30) days from and after its passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same was introduced and read, and a vote was taken thereon, first section by section and then upon the Ordinance as a whole with the following results:

Those present and voting "AYE" and in favor of the passage, adoption and approval of Sections 1, 2 and 3 of the foregoing Ordinance:

- ALDERMAN MICHAEL W. DRAUGHN
- ALDERMAN WILLIE W. HINTON
- ALDERMAN JOE C. MCMURRY, SR.
- ALDERMAN STEVE STRINGER
- ALDERMAN WILLIAM A. TRAVIS

Those present and voting "NAY" or against the adoption of any section of the foregoing Ordinance: NONE

Those present and voting "AYE" and in favor of the adoption of the foregoing Ordinance as a whole:

- ALDERMAN MICHAEL W. DRAUGHN
- ALDERMAN WILLIE W. HINTON
- ALDERMAN JOE C. MCMURRY, SR.
- ALDERMAN STEVE STRINGER
- ALDERMAN WILLIAM A. TRAVIS

Those present and voting "NAY" or against the adoption of the foregoing Ordinance as a whole: NONE

WHEREUPON, the foregoing Ordinance be, and the same is hereby passed, adopted and approved on this the 3rd day of May 2005.


(SEAL)

ATTEST:


JEANNE SHREE, CITY CLERK

PUBLISH 1 TIME: May 20, 2005.

EXHIBIT "E"


TONY PHILLIPS, MAYOR

CITY OF PETAL
ORDINANCE BOOK 3

ORDINANCE NUMBER 1979 (42-A165)

AN ORDINANCE CHANGING AND AMENDING THE COMPREHENSIVE ZONING ORDINANCE NO. 1979 (42) OF THE CITY OF PETAL, MISSISSIPPI, AS AMENDED BY ORDINANCE NUMBERS 1979 (42-1) THROUGH 1979 (42-A164) SO AS TO CHANGE THE ZONING CLASSIFICATION OF PROPERTY LOCATED ON HERRINGTON ROAD, PETAL, MS, FROM R-1 (LOW DENSITY RESIDENTIAL) TO C-2 (GENERAL COMMERCIAL DISTRICT).

BE IT ORDAINED BY THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF PETAL, MISSISSIPPI:

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the Comprehensive Zoning Ordinance Number 1979 (42) of the City of Petal, Mississippi, as amended by Ordinance Numbers 1979 (42-1) through 1979 (42-A164) and the same is hereby changed and amended as per petition filed in connection therewith so that the land described as listed below. Change of current zoning from R-1 (Low Density Residential) to C-2 (General Commercial District).

Said land being more particularly described as follows, to wit:

COMM AT THE SE COR OF THE NE 1/4 OF THE SE 1/4 OF S32, T5N, R12W, FORREST COUNTY, MS AND RUN N693.00 FT TO THE POB. FROM THE POB RUN W420.00 FT; THENCE RUN S238.00 FT; THENCE RUN W195.00 FT; THENCE RUN S600.00 FT; THENCE RUN W60.00 FT; THENCE RUN N600.00 FT; THENCE RUN W390.00 FT; THENCE RUN S200.00 FT; THENCE RUN W255.00 FT; THENCE RUN N855.00 FT; THENCE RUN E1320.00 FT; THENCE RUN S417.00 FT BACK TO THE POB. SAID PARCEL OF LAND IS PART OF THE NE 1/4 OF THE SE 1/4 OF S32, T5N, R12W, FORREST COUNTY, MS AND CONTAINS 19.55 ACRES, MORE OR LESS

as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, is hereby classified and placed in the C-2 (General Commercial District).

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning Ordinance No. 1979 (42) of the City of Petal, Mississippi, as amended by Ordinance Numbers 1979 (42-1) through 1979 (42-A164) shall be and remain in full force and form as adopted on May 3, 2005.

SECTION 3. That this Ordinance shall take effect and be in full force within thirty (30) days from and after its passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same was introduced and read, and a vote was taken thereon, first section by section and then upon the Ordinance as a whole with the following results:

Those present and voting "AYE" and in favor of the passage, adoption and approval of Sections 1, 2 and 3 of the foregoing Ordinance:

- ALDERMAN MICHAEL W. DRAUGHN
- ALDERMAN WILLIE W. HINTON
- ALDERMAN JOE C. MCMURRY, SR.
- ALDERMAN STEVE STRINGER
- ALDERMAN WILLIAM A. TRAVIS

Those present and voting "NAY" or against the adoption of any section of the foregoing Ordinance:
NONE

Those present and voting "AYE" and in favor of the adoption of the foregoing Ordinance as a whole:

- ALDERMAN MICHAEL W. DRAUGHN
- ALDERMAN WILLIE W. HINTON
- ALDERMAN JOE C. MCMURRY, SR.
- ALDERMAN STEVE STRINGER
- ALDERMAN WILLIAM A. TRAVIS

Those present and voting "NAY" or against the adoption of the foregoing Ordinance as a whole:
NONE

WHEREUPON, the foregoing Ordinance be, and the same is hereby passed, adopted and approved on this the 3rd day of May 2005.

(SEAL)

ATTEST:


JEAN YSHEE, CITY CLERK

PUBLISH 1 TIME: May 20, 2005.

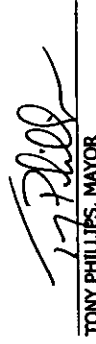

TONY PHILLIPS, MAYOR

EXHIBIT "G"

Exhibit "G"

B. LOCAL CITATION ASSESSMENT

Sec. 63-9-31

1. **Purpose:** An assessment to assist funding of wireless radio communications
2. **Imposed When:** The Municipal Board may impose this assessment on criminal convictions results from a citations issued by the police officers of the municipality.
3. **Amount Due: Up To \$ 10.00**
4. **DPS Settlement:** Collections must be settled to the Municipal Clerk for deposit with the Department of Public Safety's Office of Public Safety Planning (DPS).

EXHIBIT "H"

Mail Center

New Messages Old Messages Sent Messages

To: petalfire
Date: 04/22/2005
Subject: Award Notification (Application Number: EMW-2004-FP-00822)
From: firegrants@dhs.gov
Congratulations!

Your grant application submitted under the Emergency Preparedness and Response Directorate's (EP&R/FEMA of DHS) FY 04 Assistance to Firefighters Grant - Fire Prevention and Safety Grant Program has been approved for award. Please go to <https://portal.fema.gov>. This will take you to the Assistance to Firefighters e-Grants system. Enter your User Name and Password as requested on the login screen (on the left). Your User Name and Password are the same as those used to complete the application on-line. Once you are in the system, the Status page will be the first screen you see. On the right side of the Status screen, you will see a column entitled Action. In this column, you will see a link that says View Award Package. Click this link. This link will take you to your award package. Please print your award package for your records.

While you are in the system, you will see a link that says Update 1199A in the Action column. Click this link. This link will take you to the SF-1199A Direct Deposit Sign-up Form. Please complete the SF-1199A on-line if you have not already done so. Submit the form electronically. If you have not already mailed a copy of your SF 1199A to FEMA, print the form (using the Print 1199A button), write your grant number on the form, and take it to your bank to have the bottom portion completed and mailed to the following address:

Department of Homeland Security
Emergency Preparedness and Response Directorate (EP&R/FEMA of DHS)
Attn: Assistance to Firefighters Grant - Fire Prevention and Safety Program
Grants Management Branch
Room 350
500 C Street, SW, Room 350
Washington, DC 20472

Due to delays in delivery of regular USPS mail to government offices, we suggest that you use USPS priority mail or a commercial overnight delivery service to decrease the amount of time that elapses between our request for information and your response. Please allow three weeks for the processing of your SF 1199A. You will receive an email when your form has been approved. If you have any questions regarding your SF-1199A, please call 1-866-274-0960 or 1-877-510-6762.

https://portal.fema.gov/firegrant/jsp/mail/old_mail.html

5/2/2005

Mail Center

New Messages Old Messages Sent Messages

To: petalfire
Date: 01/25/2005
Subject: FEMA Questions: Petal Fire Department, Mississippi: EMW-2004-FP-00822
From: afg@dhs.gov
Dear Ms. Wesley Hughes:

I am the Grants Management Specialist/Program Support Assistant from the DHS' Emergency Preparedness and Response Directorate's Grant Office/Federal Emergency Management Agency (FEMA) Grants Office, assigned to review your FY 2004 Fire Prevention and Safety Grant Application. This is not a notification of award; it is only a preliminary discussion of your application. A panel of your peers favorably reviewed your application and I have a few matters to discuss/verify with you prior to further processing your application.

1. If you are selected for a grant award, would you accept?
- 2a) If you are selected for a grant award, can your department/organization meet the required cost-share?
- 2b) How are you planning to meet the required cost-share?
3. If you are selected for an award, do you understand that the funds can only cover expenses for one year and that you have to spend the funding within one year of your grant award date?
4. If you are a fire department and are selected, do you understand that your department will be required to report to National Fire Incident Reporting System (NFIRS) for one year commencing at your earliest convenience during the performance period of the grant?
 - * If you need assistance reporting to NFIRS you may call the support center toll free number 1-888-382-3827.
5. Did you have any pre-award costs including the use of a grant writer?
6. Do you have any changes to your point of contacts, phone numbers, or email addresses listed in your application?
 - * If you have a new email address, please follow the instructions below:

Using the same user name and id when you applied for the grant, log into <https://portal.fema.gov>. Once you are into the Status screen, you will select Edit Profile located in the top of the screen. Your next screen will reveal your personal information where you will see your current email address listed. Once you have edited the email address you will click on the Save button. You will then receive a confirmation screen that your profile has been updated but you are not finished. Then you will click near the top left Authorized Applications. You will then click on Firefighters Grant link near the top left to ensure that all updated profile information is transferred through the system.

7. Do you have any changes to your DUNS number, EIN number or your banking information listed in your application?
- 8a) Have you previously received a FEMA/DHS Assistance to Firefighters Grant? Yes or No

https://portal.fema.gov/firegrant/jsp/mail/old_mail.html

5/2/2

If you responded yes, please indicate what year(s) you were awarded, a brief summary of what items were purchased, and a current status on the awarded grant(s).

8b) Have you received any other federal funding this fiscal year? Yes or No

If you responded yes, please indicate the name of the agency that awarded you federal funding and a brief summary of the items that were awarded.

Again, this is not a notification of award, it is only a discussion of your application. Once I complete my review, and receive your favorable reply to this message, I will forward your application on to the next phase. If your department is selected you will be notified by e-mail through our on-line grants system. In that email, you will be directed to a website to print the award forms and other pertinent information.

SECTION 1 (TO BE COMPLETED BY PAYEE)

OMB No 151-0007

Standard Form 1199A - Direct Deposit Sign-Up Form

A ORGANIZATION NAME Petal Fire Department		D TYPE OF DEPOSITOR ACCOUNT Checking
ADDRESS (street, route, P.O. Box, APO/FPO) 102 Palmetto Drive		E DEPOSITOR ACCOUNT NUMBER 6418997
CITY Petal	STATE Mississippi	ZIP CODE 39465-3548
F NAME OF PERSON(S) ENTITLED TO PAYMENT Wesley Hughes		F TYPE OF PAYMENT Other Grant Award EMW-2004-FP-00822
G THIS BOX FOR ALLOTMENT OF PAYMENT ONLY (if applicable)		
C CLAIM OR PAYROLL ID NUMBER Prefix: 04-0869376	DATE	AMOUNT
PAYEE JOINT PAYEE CERTIFICATION I certify that I am entitled to the payment identified above in signing this form, authorize my payment to be sent to the financial institution named below to be deposited in the designated account.		JOINT ACCOUNT HOLDERS' CERTIFICATION (optional) I certify that I have read and understood the instructions, including the SPECIAL NOTICE TO JOINT ACCOUNT HOLDERS.
SIGNATURE <i>Wesley Hughes</i>	DATE 04/19/2005	SIGNATURE
SIGNATURE <i>T. J. Fairley</i>	DATE 04/19/2005	SIGNATURE

SECTION 2

GOVERNMENT AGENCY NAME Federal Emergency Management Agency	GOVERNMENT AGENCY ADDRESS Attn: Assistance to Firefighters Grant Program / J. H. Womack Grants Management Branch, Room 350, 500 C Street S.W., Washington, D. C. 20472
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SECTION 3 (TO BE COMPLETED BY FINANCIAL INSTITUTION)

NAME AND ADDRESS OF FINANCIAL INSTITUTION	ROUTING NUMBER	CHECK DIGIT
DEPOSITOR ACCOUNT TITLE		
FINANCIAL INSTITUTION CERTIFICATION I confirm the identity of the above-named payee(s) and the account number and title. As representative of the above-named financial institution, I certify that the financial institution agrees to receive and deposit the payment identified above in accordance with 31 CFR Parts 340, 208, and 216.		
PRINT OR TYPE REPRESENTATIVE'S NAME Tommy Fairley	SIGNATURE OF REPRESENTATIVE <i>Tommy Fairley</i>	TELEPHONE NUMBER DATE 601 545 6815 4/29/05

EXHIBIT "I"

