200AG PRELIMINARY STAFF

INFORMATION ABOUT A POTENTIAL PROJECT HAS BEEN RECEIVED. PROJECT POTENTIAL IS DETERMINED BY THE STAFF ACCESSING THE FOLLOWING:

A. IDENTIFY THE RESOURCE PROBLEMS
   1. QUANTIFY PROBLEMS
   2. DETERMINE IF PROBLEM FITS PURPOSE LISTED UNDER PL-566 (URBAN FLOOD, AG. FLOOD, WATER-SHED PROTECTION, IRRIGATION, ETC.)
   3. DETERMINE IF PROJECT CAN BEST BE SOLVED UNDER THE PL-566 PROGRAM
   4. DETERMINE POTENTIAL FOR PROJECT ECONOMIC FEASIBILITY

B. IDENTIFY OBJECTIVES OF LOCAL PEOPLE AND DETERMINE POTENTIAL SPONSORS
   1. COMPARE SPONSOR OBJECTIVES TO PROGRAM REQUIREMENTS
   2. DETERMINE RANGE OF ALTERNATIVES THAT ARE SOCIALLY ACCEPTABLE

C. ASSIST IN PREPARING A PRELIMINARY REPORT AND IF PROJECT PLANNING CONTINUES, USE THE FOLLOWING WORK ITEMS TO GUIDE THE ECONOMIC ANALYSIS

201AG DEVELOP A STUDY PLAN, ECONOMICS PORTION.

A. LIST IN TIME SEQUENCE ALL ECONOMIC WORK ITEMS NEEDED TO SOLVE THE PROBLEMS IDENTIFIED IN THE PROJECT. USE THE WORK ITEMS DESCRIBED BELOW. ADD AND DELETE WORK ITEMS TO MAKE THE PLAN OF WORK SPECIFIC TO THE PROJECT BEING PLANNED.

COORDINATE WITH APPROPRIATE STAFF AND TSC ECONOMISTS AS NEEDED. (BEGINNING OF POST APPLICATION PLANNING 502.31 AG NWSM)

B. DESCRIBE PROCEDURES FOR ACCOMPLISHING EACH WORK ITEM WITH WORK DAYS REQUIRED. PROVIDE TO STUDY LEADER.

C. OBTAIN COPY OF THE OVERALL SCHEDULE AND USE IT TO SCHEDULE THE ECONOMIST WORK ITEMS ON DESK CALENDAR, INDIVIDUAL ANNUAL PLAN OF OPERATIONS OR STATE ANNUAL PLAN OF OPERATIONS.

%G ASSEMBLE BASIC STAFF SOURCE DATA

A. ASSEMBLE ON A WATERSHED OR COUNTY BASIS AS APPLICABLE. GATHER ONLY DATA THAT IS USEFUL FOR
THE PROJECT EVALUATION AND NARRATIVE

1. BASIC ECONOMY OF THE AREA
   A. POPULATION- BOTH RURAL AND URBAN, AGE, EDUCATION, MINORITIES
   B. EMPLOYMENT BY SECTOR, E.G. AG, MFG., COMMERCIAL, ETC.
   C. INCOME
      (1) RANGE
      (2) MEDIAN
      (3) COMPARE TO STATE AND NATION
   D. FARM AND RANCH ENTERPRISES
      (1) TYPE- DAIRY, BEEF, SPECIALIZED,
CASH CROP, ETC.
(2) SIZE
(3) NUMBER
(4) TENURE
(5) AVERAGE VALUE OF BUILDINGS
E. OFF-FARM EMPLOYMENT
(1) NUMBER OF DAYS
(2) KINDS, IF KNOWN

2. PROJECT BASE MAP.
3. SOILS INFORMATION
4. DRAINAGE AREA
5. COUNTY MAPS
6. AERIAL MOSAICS
7. WATERSHED LAND USE (PRESENT AND FUTURE)
8. WATER AND LAND RESOURCE PROBLEMS
9. PAST FLOOD EVENTS (DATES, BENCHMARKS, EXISTING DAMAGE SURVEYS, PHOTOS, VIDEOS)
   A. MOST RECENT
   B. LARGEST (ATTEMPT TO DELINEATE FLOOD BOUNDARIES)
C. SIGNIFICANCE OF LARGE FLOODS COMPARED TO SMALLER INFREQUENT FLOODS
SOURCE: PUBLISHED SOIL SURVEYS, AERIAL PHOTOS, CITY & COUNTY DATA BOOK, AG. CENSUS, STATE AG. STATISTICS, ONSITE FIELD EXAMINATION, FLOOD DAMAGE REPORTS, APPLICATION FOR ASSISTANCE, AND OTHER SUCH SOURCES.
B. OTHER DATA: (MOST RECENT PRICES AND INTEREST TO BE USED IN PLAN.)
   1. PRICE DATA: EWR 620-7
   2. INTEREST RATES EWR 620.02(C)
   3. EVALUATION PERIOD EWR 620.02(D)
   4. COST RETURN STUDIES
   5. YIELD DATA
SOURCE: NATIONAL BULLETINS, EXTENSION SERVICE, AG. STATISTICS, AG. COMMISSIONERS

203AB CHOOSE ONE OF HY PROCEDURES TO USE FOR EVALUATION

A. FREQUENCY METHOD (PREFERRED BY P&G)
   1. DEFINED CHANNEL AND VALLEY
      A. CALCULATE DAMAGES BASED ON DEPTH
      B. CALCULATE DAMAGES BASED ON DURATION
   2. OVERLAND FLOW
      A. CALCULATE DAMAGES BASED ON AVERAGE FLOOD PATH
B. HISTORICAL SERIES METHOD (P&G LIMITS ITS USE)
   NEED FREQUENT FLOODING AND MAJOR DAMAGE TO CROPS
C. NET INCOME METHOD (P&G LIMITS ITS USE)
   CALCULATE CHANGE IN NET INCOME FROM FLOOD
A. DETERMINE POTENTIAL FOR USE OF COMPUTER PROGRAMS

1. ECON2-Calculate floodwater damages to crops
2. LDAMS-Calculate land damage
3. VASPR-Compute project returns for different alternatives
209. AG DETERMINE PRESENT LAND USE-CROPPING PATTERNS IN PROBLEM AREA  
USE AERIAL PHOTOS, COUNTY LAND USE MAPS, AND ON SITE INVESTIGATIONS

207. AG DETERMINE FUTURE LAND USE-CROPPING PATTERNS IN PROBLEM AREA  
USE THE PRESENT LAND USE AND CROPPING PATTERNS AS A BASE

AG DETERMINE BASE AG YIELDS UNDER PROBLEM FREE CONDITIONS  
YIELDS SHOULD BE BASED ON INFORMATION OBTAINED FROM ON-SITE INTERVIEWS AND SIMILAR PROBLEM FREE CONDITIONS. STATISTICAL REPORTING SERVICE COUNTY AVERAGES AND SOILS 5 YIELDS MAY BE HELPFUL. AVERAGE MANAGEMENT IS ASSUMED. DISPLAY IN TABLE FORM.

209. AG CROP AND PASTURE FLOOD DAMAGE  
DEVELOP AVERAGE ANNUAL DAMAGES USING WORK ITEMS 210-220 DESCRIBED BELOW.

210. AG DETERMINE CURRENT LAND USE  
DEVELOP CROPPING PATTERNS ON PROBLEM FREE AREAS BY REACHES AND DISPLAY ON BASE MAPS AND IN A TABLE WITH ACRES AND/OR PERCENT LAND USE AND CROPS GROWN. CORRELATE CURRENT LAND USE IN FLOOD AREA TO LAND USE DEVELOPED IN WORK ITEM 206.

211. AG PROJECT FUTURE LAND USE AND CROPPING PATTERNS  
DETERMINE WHAT CHANGE IS EXPECTED FROM THE CURRENT CONDITION. PROJECT BY APPROPRIATE TIME PERIOD AND DISPLAY ON BASE MAP AND IN TABLE. PROJECTIONS SHOULD BE BASED ON INTERVIEWS WITH FARMERS, LOCAL RESIDENTS, EXTENSION PERSONNEL, AND OTHER KNOWLEDGEABLE PEOPLE. CORRELATE FUTURE LAND USE IN FLOOD AREA TO LAND USE DEVELOPED IN WORK ITEM 207.

212. AG ESTABLISH CUR-AG YIELDS WITH CODING  
YIELDS DETERMINED FROM DAMAGE QUESTIONNAIRES FROM FLOODPLAIN RESIDENTS. AVERAGE MANAGEMENT IS ASSUMED. YIELDS REFLECT CURRENT FLOODING PROBLEM
AG ESTABLISH CUR- AG RENT FLOOD-FREE YIELD

USE BASE YIELDS ESTABLISHED IN WORK ITEM 208.

214AG PROJECT FUTURE AG FLOOD FREE YIELDS

DETERMINE CHANGE EXPECTED FROM CURRENT CONDITIONS PROJECT BY TIME PERIOD. DISPLAY THE RESULTS IN A TABLE.

215AG COMPUTE PRO-

USE PROJECTED YIELDS ESTIMATED ABOVE TIMES THE CUR-
216AG CALCULATE CHANGE IN COSTS

USE CROP BUDGETS TO CALCULATE THE CHANGE IN VARIABLE COSTS FOR EACH CROP.
1. CALCULATE CHANGE IN COSTS FOR FUTURE WITHOUT PROJECT
2. CALCULATE CHANGE IN COSTS FOR EACH ALTERNATIVE

217AG DEVELOP DAMAGE FACTORS

A. SHOW THE NET LOSS OF INCOME AS A PERCENT: DAMAGE OF GROSS INCOME AS A RESULT OF DAMAGES CAUSED BY FLOODING. DEVELOP A TABLE SHOWING HOW NET INCOME WAS CALCULATED.
B. RUN THE ECON2 PROGRAM IF IT IS DETERMINED TO BE THE MOST EFFICIENT MEANS TO CALCULATE AVERAGE ANNUAL DAMAGES RATHER THAN USING WORK ITEMS 218-220.
METHOD: EHWR 521-A

218AG DETERMINE HY DAMAGE BY CROP FOR EACH ALTERNATIVE

A. CALCULATE DAMAGES FOR EACH CROP FOR EACH SEASON FOR DIFFERENT DEPTHS AND/OR DURATION TO DETERMINE WEIGHTED PER ACRE DAMAGES FROM FLOODING. HYDROLOGIC DATA WILL BE USED TO DETERMINE FLOOD FREQUENCY AND DISTRIBUTION
B. MAKE ADJUSTMENTS FOR DAMAGES FOR RECURRING FLOODS IN THE SAME YEAR

219AG DETERMINE COMPOSITE ACRE DAMAGE FOR EACH ALTERNATIVE

A. MULTIPLY CROP DAMAGES TIMES PERCENT OF EACH CROP IN EACH EVALUATION REACH.
B. TABULAR OR GRAPHICAL DAMAGE FREQUENCY DATA BY REACH.

220AG CALCULATE AVERAGE ANNUAL FLOOD DAMAGES FOR CROPS

221AG CALCULATE BENEFITS

DETERMINE THE INCREASE IN NET INCOME TO RESOURCE USERS FROM REDUCED OR CONTROLLED FLOOD FLOWS.

222AG OTHER AG DAMAGES INVENTORY

A. INVENTORY EACH OF THE FOLLOWING ITEMS OCCURRING IN THE PROBLEM AREA:
1. MILES OF FENCE
2. ACRES OF DEBRIS
3. ACRES OF WOOD SEED
4. NUMBER, LOCATION, AND ELEVATIONS OF FARM-STEADS
5. AMOUNTS OF FARM MACHINERY, LIVESTOCK, CORRALS, IRRIGATION EQUIPMENT
A. CONSIDER INCREASED REPAIRS
B. CONSIDER REduced LIFE
6. LENGTHS OF FARM ACCESS ROADS, FIELD ROADS, DIVERSIONS, AND LEVEES
7. NUMBER AND LOCATION OF FARM ROAD CULVERTS, BRIDGES, AND OTHER SUCH IMPROVEMENTS
8. HIGH-WATER MARKS
B. TABULATION OF DAMAGE OCCURRING IN EACH REACH
AG OTHER AG AVERAGE - ANNUAL BENEFITS

A. ESTIMATE BY FLOOD EVENT, DEPTH, OR DURATION DAMAGES THAT WOULD OCCUR TO THE INVENTORIED ITEMS
B. GRAPHICAL OR TABULAR SUMMARY OF DAMAGE-FREQUENCY DATA USING HYDROLOGIST’S DEPTH-DISCHARGE-FREQUENCY DATA FOR EACH ALTERNATIVE.

224AG NON AG DAMAGES INVENTORY

A. INVENTORY EACH OF THE FOLLOWING ITEMS OCCURRING IN THE PROBLEM AREA:
   1. MILES OF ROAD, RAILROAD, AND NUMBER AND KIND OF BRIDGES BY REACH.
   2. DATA FROM DAMAGE SCHEDULES (FORM SCS-ECN-004).
   3. ESTIMATES ARE MADE BY FLOOD EVENTS, DEPTH, OR DURATION AND COMPILED BY REACH.
B. TABULATION OF DAMAGE OCCURRING IN EACH REACH

225AG NON AG AVERAGE ANNUAL BENEFITS DAMAGES

A. ESTIMATE BY FLOOD EVENT, DEPTH, OR DURATION DAMAGES THAT WOULD OCCUR TO THE INVENTORIED ITEMS
B. GRAPHICAL OR TABULAR SUMMARY OF DAMAGE-FREQUENCY DATA USING HYDROLOGIST’S DEPTH-DISCHARGE-FREQUENCY DATA FOR EACH ALTERNATIVE.

226AG EROSION AND SEDIMENT

DEVELOP AVERAGE ANNUAL DAMAGES USING WORK ITEMS 227-242 BELOW. SHEET AND RILL EROSION FOR UPLAND AREAS IS NOT INCLUDED. SEE THE WATERSHED PROTECTION SECTION FOR THESE WORK ITEMS.

227AG ESTABLISH TYPE SS AND EXTENT OF EROSION PROBLEM.

A. CLASSIFY AS GULLY-STREAMBANK (PERMANENT), TOTALLY OR PARTIALLY RECOVERABLE (FLOOD PLAIN SCOUR), OR OUTSIDE THE FLOOD PLAIN (SHEET).
B. DETERMINE IF DAMAGES ARE IN EQUILIBRIUM, INCREASING, OR DECREASING IN EXTENT (AREA) OR DEGREE (SEVERITY).
   METHOD: EHDR 621-D

228AG DETERMINE CURRENT LAND USE

DEVELOP CROPPING PATTERNS ON PROBLEM FREE AREAS BY REACHES AND DISPLAY ON BASE MAPS AND IN A TABLE WITH ACRES AND/OR PERCENT LAND USE AND CROPS GROWN. CORRELATE CURRENT LAND USE TO LAND USE DEVELOPED IN WORK ITEM 206.

229AG PROJECT FUTURE LAND USE AND CROPPING PATTERNS

DETERMINE WHAT CHANGE IS EXPECTED FROM THE CURRENT CONDITION. PROJECT BY APPROPRIATE TIME PERIOD AND DISPLAY IN TABLE. PROJECTIONS SHOULD BE BASED ON INTERVIEWS WITH FARMERS, LOCAL RESIDENTS, EXTENSION PERSONNEL, AND OTHER KNOWLEDGEABLE PEOPLE. CORRELATE FUTURE LAND USE TO LAND USE DEVELOPED IN WORK ITEM 207.

230AG ESTABLISH CUR- AG YIELDS WITH SEDIMENT AND/OR EROSION

YIELDS SHOULD BE DETERMINED FROM DAMAGE QUESTIONAIRES FROM AFFECTED RESIDENTS. AVERAGE MANAGEMENT IS ASSUMED. YIELDS REFLECT THE CURRENT EROSION
PROBLEM AND OTHER HAZARDS STILL EXIST.

DETERMINE CHANGE EXPECTED FROM CURRENT CONDITIONS
PROJECT BY TIME PERIOD AND DISPLAY RESULTS IN
A TABLE.

USE PROJECTED YIELDS ESTIMATED ABOVE TIMES THE CUR
RENT NORMALIZED PRICES AND DISPLAY IN TABLE.
### 244AG SEDIMENT SWAMPING DAMAGE

**GS**

Calculate net loss in income as a result of swamping and display in table as potential recoverable net income.

**Method:** EHWR 621-D

### 235AG SEDIMENT SWAMPING BENEFITS

**GS**

Calculate increased net income to land.

**Method:** EHWR 621-D

### 236AG SEDIMENT DEPOSITION DAMAGE

**GS**

Calculate net loss in income as a result of sediment and display in table as potential recoverable net income.

**Method:** EHWR 621-D

### 237AG SEDIMENT DEPOSITION BENEFITS

**GS**

Calculate increased net income to land.

**Method:** EHWR 621-D

### 238AG SEDIMENT SCOUR DAMAGE

**GS**

Calculate net loss in income as a result of scour and display in table as potential recoverable net income.

**Method:** EHWR 621-D

### 239AG SEDIMENT SCOUR BENEFITS

**GS**

Calculate increased net income to land.

**Method:** EHWR 621-D

### 240AG SEDIMENT-OTHER GS PROPERTIES INVENTORY

Determine the number and location of properties affected. Use a map or table to display the properties affected.

### 241AG SEDIMENT-OTHER GS PROPERTIES DAMAGES

A. Determine adverse effects of sediment to drains
   1. Consider costs of removal & hauling
   2. Adjust damages for normal maintenance
   3. Identify source of damages so effects can be determined for different alternatives

B. Determine adverse effects of sediment to irrigation systems
   1. Consider cost of removal & hauling
   2. If loss of income due to loss of use, use work items described in irrigation section. The cost to restore water delivery to the area needs to be included.
   3. Adjust damages for normal maintenance
   4. Identify source of damages so effects can be determined for different alternatives

C. Determine adverse effects of sediment to dams
   1. Loss of service method—based on extending life of dam
D. ESTIMATE SEDIMENT DAMAGES TO M&I WATER SUPPLIES
1. CONSIDER COST OF REMOVAL, DAMAGE TO EQUIPMENT, AND ADDITIONAL TREATMENT COSTS FROM SEDIMENT FROM PROJECT AREA.

2. COST OF SEDIMENT REMOVAL METHOD—BASED ON ACTUAL COSTS OF REMOVING SEDIMENT
3. ADJUST DAMAGES FOR NORMAL MAINTENANCE
4. IDENTIFY SOURCE OF DAMAGES SO EFFECTS CAN BE DETERMINED FOR DIFFERENT ALTERNATIVES
E. ESTIMATE SEDIMENT DAMAGE AFFECTING PRODUCT QUALITY.

REduced COST OF REMOVAL, INCREASED INCOME, INCREASED LIFE OF DAM, OR REDUCED COSTS

243AG EROSION-GULLY GS DAMAGE

CALCULATE NET INCOME LOSS TO LAND BY TIME FRAME BY SOILS TYPE.
A. CONSIDER TEMPORARY MEASURES AND RELOCATION B. CALCULATE VOIDING DAMAGES C. CALCULATE DEPRECIATED VALUE OF AREAS NEAR THE GULLIES
METHOD: EHWR 621-D

244AG EROSION-GULLY BENEFITS

DISPLAY CHANGE IN NET INCOME TO LAND FOR EACH ALTERNATIVE.

245AG EROSION STREAM-GS BANK EROSION DAMAGE

DETERMINE ADVERSE EFFECTS OF STREAMBANK EROSION.
CONSIDER TEMPORARY MEASURES AND RELOCATION
METHOD: EHWR 621-D

246AG EROSION STREAM-BANK EROSION BENEFIT

DISPLAY CHANGE IN NET INCOME TO LAND FOR EACH ALTERNATIVE.

247AG EROSION STREAM-GS BANK INCISION DAMAGE

DETERMINE ADVERSE EFFECTS OF STREAMBANK INCISION.
METHOD: EHWR 621-D

AG EROSION STREAM-BANK INCISION BENEFIT

DISPLAY CHANGE IN NET INCOME TO LAND FOR EACH ALTERNATIVE.

249AG FUTURE DEVELOPMENT

A. IF DEVELOPMENT IS INCREASING IN THE FUTURE WITHOUT PROJECT, DAMAGES NEED TO BE INCREASED.
B. IF DEVELOPMENT OF HIGHER VALUED GOODS WILL TAKE PLACE WITH PROJECT AND WILL BE SUBJECTED TO SOME REMAINING FLOODING, BENEFITS FROM THE PROJECT NEED TO BE REDUCED.
METHOD: EHWR 621-A

250AG INTENSIFICATION

THIS IS FOR BENEFITS DERIVED FROM A CHANCE IN LAND USE OR CROPPING PATTERN. USE THE FOLLOWING WORK ITEMS TO CALCULATE INTENSIFICATION BENEFITS.

251AG NON-AG

USE THE WORK ITEMS FOR INTENSIFICATION DESCRIBED UNDER URBAN FLOODING

252AG AG BASIC DATA

A. GATHER PHYSICAL, ECONOMIC, AND SOCIAL DATA NEEDED TO EVALUATE THE BENEFITS.
1. AGRONOMIC POTENTIAL OF THE LAND.
2. TYPE OF FARMING.
3. WIDTH AND TOPOGRAPHY OF AREA TO BENEFIT.
4. NEED FOR RESULTING PRODUCTION.
5. DEGREE OF PROTECTION OR SERVICE OFFERED.
6. LAND USE CHANGE THAT THIS PROTECTION WILL ALLOW.
7. WILLINGNESS AND ABILITY OF PRODUCERS TO DEVELOP THE LAND.
8. AVAILABILITY OF MARKETS FOR PRODUCTS.
9. RESTRICTIONS OF ACREAGE ALLOTMENTS, MARKETING QUOTAS, OR ZONING.
B. EVALUATE THE PRODUCTIVITY AND RESPONSIVENESS OF THE LAND TO THE PRODUCTION INPUTS.
   METHOD: EWR 621-A
C. USE THE WORK ITEMS FOR INTENSIFICATION DESCRIBED UNDER THE IRRIGATION SECTION
ADJUST THE CALCULATED DAMAGES TO ACCOUNT FOR THE FOLLOWING SITUATIONS WHEN THEY APPLY.
A. ADJUST BENEFITS TO ACCOUNT FOR TIME REQUIRED TO CLEAR LAND OR PROPERLY PREPARE THE LAND
   METHOD: EWR 621-A
B. ADJUST BENEFITS TO ACCOUNT FOR DELAYS STEMMING FROM MANAGEMENT AND FINANCIAL LIMITATIONS.
   METHOD: EWR 621-A
C. IF DEVELOPMENT OF HIGHER VALUED GOODS WILL TAKE PLACE WITH PROJECT AND WILL BE SUBJECT TO SOME REMAINING FLOODING, BENEFITS FROM THE PROJECT NEED TO BE REDUCED.
   METHOD: EWR 621-A
D. PARTICIPATION BY PRODUCERS WILL NOT BE 100 PERCENT AND BENEFITS WILL NEED TO BE ADJUSTED.
EVALUATE POSSIBLE OFFSITE DAMAGES THAT COULD BE ALLEVIATED WITH PROJECT ACTION. SUCH OFFSITE DAMAGES COULD INCLUDE DAMAGES TO: OYSTER BEDS, RECREATION, NAVIGATION, POWER GENERATION, FISHING, ETC.
ESTIMATES ARE MADE BY PLANNING STAFF BASED ON RECENT INSTALLATION EXPERIENCE.
A. CONSTRUCTION COST - NWSM 501.30H, EWR 630.01
B. ENGINEERING SERVICES - NWSM 501.30E
C. LAND RIGHTS - NWSM 501.30G, EWR 629
D. WATER RIGHTS - NWSM 501.30F
F. PROJECT ADMINISTRATION COST - NWSM 501.30J
G. OPERATION, MAINTENANCE AND REPLACEMENT - ESTIMATES MADE BY PLANNING STAFF AND LOCAL SPONSORS BASED ON SIMULATED OR RECENT OPERATING EXPERIENCES.
   NWSM 501.30L, EWR 630.013
H. ASSOCIATED COST - NWSM 501.30M, EWR 630.02
I. EXTERNAL DISCONOMIES - NWSM 501.300, EWR 630.01C
J. NONPROJECT COST - NWSM 501.30P
DETERMINE NEED FOR ACCELERATED LAND TREATMENT TO AID REQUIREMENTS OF LAND OR TO ACHIEVE BENEFITS FROM PROJECT. ESTIMATE UNIT COSTS AND ACRES TO
TREATMENT COST:
A. LAND
B. LAND
TREATMENT TECHNICAL ASSISTANCE.

BE TREATED:
A. ESTIMATES MADE BY DC, AC, AND STATE STAFF.
B. ESTIMATES MADE BY DC, AC, AND STATE STAFF.

DO INCREMENTAL ANALYSIS TO ADE STRUCTURAL ITEMS AND LAND TREATMENT PRACTICES. DESIGNATE NED ALTERNATIVE AND DOCUMENT IN TABULAR FORM.
METHOD: CONSULT NTC ECONOMIST FOR ASSISTANCE.
259AG DEVELOP NEEDS
PORTIONS OF OTHER AL-
TERNATIVES AND DETER-
MINE CONTRIBUTION TO
NEED COMPONENT NEEDS.

259AG ESTIMATE EMP-
LOYMENT BENEFITS
RESULTING FROM
PROJECT INSTALL-
ATION AND PROJECT
OPERATION AND
MAINTENANCE.

260AG DEVELOP DATA
FOR SWB ACCOUNT.

261AG COST ALLO-
CATION.

262AG DEVELOP NED
DISPLAYS

263AG PREPARE ECON-
OMIC PORTIONS OF THE
PLAN, EIS, AND DOCU-
MENATION.

263AG DEVELOP NEEDS
PORTIONS OF OTHER AL-
TERNATIVES AND DETER-
MINE CONTRIBUTION TO
NEED COMPONENT NEEDS.

260AG ESTIMATE EMP-
LOYMENT BENEFITS
RESULTING FROM
PROJECT INSTALL-
ATION AND PROJECT
OPERATION AND
MAINTENANCE.

WHERE NECESSARY DEVELOP A SOCIAL WELL BEING ACCOUNT
TO DISPLAY PROJECT EFFECTS RELEVANT TO DECISION-
MAKERS. USE CENSUS DATA AND OTHER APPROPRIATE
REFERENCES TO DEVELOP INCOME CLASS AND PERCENTAGES
FOR EACH CLASS.

USE COST ALLOCATION WORKSHEET. NWSM 501.31,
EHWR 631

A. ASSIST STUDY LEADER TO PREPARE FOR PUBLIC MEET-
INGS AND REPORTS, THE NECESSARY MAPS, TABLES, AND
DISPLAYS TO CLEARLY DESCRIBE NED MEASURES AND
EFFECTS; USE DATA FROM COMPLETED WORK ITEMS ABOVE
B. PROVIDE SIGNIFICANT NED EFFECTS FOR THE FOUR
ACCOUNT TABLES AS NEEDED. (INCLUDE TIME FOR
REVISES AS A RESULT OF PUBLIC INPUT.)

A. PREPARE, AS ASSIGNED, ECONOMIC PORTIONS OF THE
PLAN, EIS, ENV. ASSESS. SUMMARY, I&A REPORT, ETC.
B. ASSEMBLE ALL RELEVANT ECONOMIC DOCUMENTATION
IN NOTEBOOKS (PREFERABLY ONE) SUITABLE FOR REVIEW.
REFER TO ORGANIZATION OF DOCUMENTATION CHECKLIST
IN THIS GUIDE.
C. PARTICIPATE IN RESOLVING STATE AND TSC COMMENTS

EMPLOYMENT BENEFITS CAN BE CLAIMED IN AREAS OF
UNEMPLOYED OR UNDEREMPLOYED LABOR.
METHOD: EHWR 627

METHOD: NWSM 506.60