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RCA WORKSHEET NO. 1
Resource Concerns and Problems

Page 1 of 5

(01)

State Code 19 State Name Iowa Recorder Howard Bright
 County Code 057 County Name Des Moines Date 8-78
 Location Code 6246 Field Office Burlington
 District Name Des Moines County S.C.D.

Items of Concern	Concern/ Problem Codes		Degree of Concern	
			Major	Minor
* I. Food and Fiber Production 81%	01	01 59		
a. Loss of production acres	01	02 5		
1. Cropland	01	03 18		
2. Pastureland	01	04 8		
3. Rangeland	01	05 1		
4. Forestland	01	06 11		
b. Energy consumption	01	07 8		
c. Increased costs	01	08 4		
d. Brush encroachment	01	09 1		
e. Other	01	10		
* II. Land Use 77%	02	01 56		
a. Effect of public facilities	02	02 11		
b. Urban sprawl	02	03 17		
c. Migration to rural areas	02	04 11		
d. Public ownership	02	05 4		
e. Soil limitations	02	06 2		
f. Land ownership	02	07		
g. Leased land farming	02	08		
h. Growing recreation demand	02	09 4		
i. Other	02	10		
III. Flooding 33%	03	01 24		
a. Economic impact	03	02 4		
b. Environmental impact	03	03 2		
c. Other	03	04		
IV. Wetlands 39%	04	01 28		
a. Loss	04	02 7		
b. Degradation	04	03 7		
c. Other	04	04		
* V. Prime, Unique, Important Farmland 79%	05	01 58		
a. Conversion to irreversible uses	05	02 20		
b. Overlying, strippable, mineral resources	05	03 5		
c. Other	05	04 1		

(01)

State Code

19

County Code

057

Location Code

6246

RCA WORKSHEET NO. 1

Resource Concerns and Problems

Page 2 of 5
Rev. 6/16/78

Items of Concern	Concern/ Problem Codes		Degree of Concern	
			Major	Minor
VI. Water Management <u>40%</u>	06	01 29		
a. Irrigation	06	02		
1. Water availability	06	03 4		
2. Efficiency of systems	06	04		
3. Efficiency of application	06	05		
4. Erosion	06	06		
5. Costs	06	07		
6. Use of municipal or industrial effluent	06	08 1		
7. Depletion of ground water	06	09 7		
8. Degradation of water quality	06	10		
9. Degradation of aquatic habitat	06	11		
10. Salinity	06	12		
11. Other	06	13		
12. Impact on fish and wildlife	06	15		
13. Maintenance of facilities	06	16		
VII. Water Supply <u>81%</u>	07	01 59		
a. Increased demand	07	02 13		
b. Sediment and related pollutants	07	03 14		
c. Lack of water	07	04 7		
d. Depletion of ground water	07	05 11		
e. Surface storage	07	06		
f. Other	07	07		
VIII. Soil Erosion <u>89%</u>	08	01 65		
a. Water erosion	08	02 1		
1. Cropland	08	03 13		
2. Pastureland	08	04 3		
3. Forestland	08	05 3		
4. Rangeland	08	06 2		
5. Urban land	08	07 6		
6. Mined land	08	08 3		
7. Effect on productivity	08	09 11		
8. Sediment damages	08	10 6		
9. Shore erosion	08	11 4		
10. Impacts on water quality	08	12 7		
11. Costs of control	08	13 6		
12. Effects on aquatic habitat	08	14 5		
13. Scouring on floodplain	08	15 3		
14. Deposition on floodplain	08	16 2		
15. Other	08	17 1		

(01)

State Code

19

County Code

057

Location Code

6246

RCA WORKSHEET NO. 1

Resource Concerns and Problems

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			Major	Minor
VIII. Soil Erosion (continued) <u>45 %</u>				
b. Wind erosion	08	18 33		
1. Cropland	08	19 7		I
2. Rangeland	08	20 1		
3. Coastal areas	08	21 1		
4. Mined land	08	22 1		
5. Effect on productivity	08	23 2		
6. Sediment damages	08	24 5		
7. Costs of control	08	25 2		
8. Impact on air quality	08	26 4		
9. Loss of windbreaks	08	27 6		
10. Other	08	28		
IX. Mining <u>22 %</u>	09	01 16		
a. Water quality	09	02 4		
b. Land use conversions	09	03 4		I
c. Sediment damage	09	04 3		
d. Aesthetics	09	05 4		I
e. Reclamation	09	06 6		
f. Effect on wetlands	09	07 2		I
g. Effect on fish and wildlife	09	08 2		I
h. Other	09	09		
X. Land Disposal of Organic Waste <u>40 %</u>	10	01 29		
a. Municipal sludge	10	02 4		
b. Health hazard	10	03 6		I
c. Pollution of environment	10	04 6		
d. Public acceptance	10	05 4		
e. Lack of available disposal sites	10	06 6		
f. Other	10	07		I
XI. Recreation <u>25 %</u>	11	01 18		
a. Increased demand	11	02 4		
b. Lack of diversity	11	03		
c. Operation and maintenance of existing areas	11	04 3		
d. Lack of facilities	11	05 1	I	
e. Other	11	06 1	I	I
XII. Wildlife Habitat <u>42 %</u>	12	01 31		
a. Effect of farm and forestry cultural practices	12	02 5		
b. Land use conversions	12	03 9		
c. Loss of habitat through overgrazing	12	04 5		
d. Other	12	05		

(01)

State Code 19
 County Code 057
 Location Code 6246

RCA WORKSHEET NO. 1
 Resource Concerns and Problems

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			Major	Minor
XIII. Fish Habitat <u>44%</u>	13	01 <u>32</u>		
a. Impact of sediment and related pollutants	13	02 <u>5</u>		
b. Availability	13	03 <u>1</u>		
c. Effect of human activity	13	04 <u>1</u>		
d. Channel modifications	13	05 <u>2</u>		
e. Other	13	06		
XIV. Forestry (Non Federal Land) <u>45%</u>	14	01 <u>33</u>		
a. Land use conversions	14	02 <u>5</u>		
b. Lack of markets	14	03 <u>3</u>		
c. Erosion control	14	04 <u>3</u>		
d. Overgrazing	14	05 <u>2</u>		
e. Reforestation (need for)	14	06 <u>8</u>		
f. Other	14	07		
XV. Water Quality <u>81%</u>	15	01 <u>59</u>		
a. Sediment and related pollutants	15	02 <u>15</u>		
b. Eutrophication	15	03 <u>7</u>		
c. Livestock wastes	15	04 <u>8</u>		
d. Irrigation impact	15	05 <u>1</u>		
e. Other	15	06		
XVI. Air Quality <u>42%</u>	16	01 <u>31</u>		
a. Industrial pollution - effect on vegetation	16	02 <u>4</u>		
b. Dust from wind erosion	16	03 <u>4</u>		
c. Other	16	04 <u>2</u>		
XVII. Rural Development <u>49%</u>	17	01 <u>36</u>		
a. Ownership - Land held for development, absentee, etc.	17	02 <u>1</u>		
b. Viability of family, farm/ranch	17	03 <u>7</u>		
c. Under employment	17	04		
d. Lack of availability for agricultural products	17	05		
e. Population migration	17	06 <u>2</u>		
f. Adequacy of facilities and services	17	07 <u>4</u>		
g. Other	17	08		
XVIII. Environmental <u>56%</u>	18	01 <u>41</u>		
a. Lack of habitat for threatened and endangered species.	18	02 <u>6</u>		
b. Loss of historical and archaeological sites	18	03 <u>2</u>		
c. Loss of visual resources	18	04		
d. Loss of natural and scenic areas	18	05 <u>5</u>		
e. Loss of riparian vegetation	18	06 <u>5</u>		
f. Loss of wildlife migration routes	18	07 <u>9</u>		
g. Loss of windbreaks	18	08 <u>5</u>		
h. Other	18	09		

(01)

State Code 19
 County Code 057
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RCA WORKSHEET NO. 1
 Resource Concerns and Problems

Page 5 of 5
 Rev. 6/16/78

Items of Concerns	Concern/ Problem Codes		Degree of Concern	
			Major	Minor
XIX. Socio-Political Concerns 73%	19	01 53		
a. Effective local leadership	19	02 4		
b. Adequate legislative authorities	19	03 4		
c. Effective use of existing authorities	19	04 6		
d. Adequate local capital	19	05 4		
e. Capability of local units of government to meet resource need	19	06 4		
f. Need for cooperative arrangements with other units of government	19	07 3		
g. Other	19	08 1		
XX. Other (list)	20	01		
a.	20	02		
b.	20	03		
c.	20	04		
d.	20	05		
e.	20	06		
XXI. Drainage 34%	21	01 25		
a. Effect of excess wetness on crop selectivity and productivity	21	02		
b. Impact of drainage problems on cultural operations and use of energy	21	03		
c. Need for surface drainage systems	21	04		
d. Need for water table control	21	05		
e. Effectiveness of existing systems	21	06		
f. Lack of ditch and structural maintenance	21	07		
g. Cost of installation and maintenance	21	08 2		
h. Impact on fish	21	09 8		
i. Impact on wildlife	21	10 8		
j. Other - soil and related pollutants	21	11		

SUBPART E - INSTRUCTIONS FOR RCA WORKSHEET NO. 1,
RESOURCE CONCERNS AND PROBLEMS

The first input for the RCA effort will be made by identifying local concerns and problems at the field level. RCA Worksheet 1 will be used for this purpose. Worksheet 1 leads to Worksheet 2. Study the instructions for both worksheets before proceeding.

SCS is to encourage district governing bodies to hold public meetings to solicit local opinions. In the event they do not, the DC will call and conduct public meeting(s). Study the material on public participation (Part 502, Subpart B) for suggestions on how to make meeting(s) successful.

Complete one RCA Worksheet 1 for each combination of SCS field office, conservation district, and county.

Example 1: Field office A serves county B and district C. Only one RCA-1 Worksheet is required.

Field office, FO	- A
County, CNTY	- B
District, DIST	- C

Example 2: Field office A serves county B and districts C and D. Two worksheets are required.

FO - A	FO - A	
CNTY - B	CNTY - B	One for A-B-C
DIST - C	DIST - D	One for A-B-D

Example 3: Field office A serves county B and county C and districts D and E. For this combination, four RCA-1's are required.

FO - A	FO - A	
CNTY - B	CNTY - C	One for A-B-D
DIST - D	DIST - D	One for A-C-D
		One for A-B-E
FO - A	FO - A	One for A-C-E
CNTY - B	CNTY - C	
DIST - E	DIST - E	

Example 4: Field offices A and B serve county C and districts D and E. For this combination, two RCA-1's are required.

FO - A	FO - B	
CNTY - C	CNTY - C	One for A-C-D
DIST - D	DIST - E	One for B-C-E

Note: RC&D areas, watersheds, river basins, standard soil survey areas, and other project areas do not require an additional RCA-1. Consider only field office, district, and county boundaries to determine the number of RCA-1 Worksheets needed.

Heading of Worksheet

Complete the heading as indicated.

State code number and name.

County code number and name.

Location code- Enter the numerical code. If more than one location code number identifies the required combination of field office, county, and district, enter any one of them.

Field office name and district name.

Name of recorder and date of completion.

(The heading for RCA-2 is completed in the same manner.)

State, county, and location codes are to be placed on Worksheet 1, pages 2 through 5.

RCA-1 lists categories of concerns and specific types of problems within those categories. Ask the district governing body and other interested persons to identify those resource concerns and related problems they consider most serious. Classify these as major or minor on the basis of the group opinion or reaction. Do not try to limit the number of concerns and problems identified. Concerns and related problems identified but not shown on the worksheet may be added to category XX.

For each concern or problem identified by the group, make an "X" on the appropriate line in the "Degree of Concern" column identifying the problem as major or minor.

If the problem identified fits within one of the concern categories, but is not one of the problems listed within that category, use the "Other" line to identify the problem (i.e., IIIi; surface mining; IIIc, interruption of communications, etc.).

Use completed RCA-1 Worksheets to complete RCA Worksheet 2. After the RCA-2 Worksheets are completed, forward a copy of each worksheet to your State office in accordance with their instructions.

The State office is to forward all completed worksheets to the National Office by November 1, 1978.