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|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| 25. DATE OF SURVEY | 43 DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION | | | | | | | | | | | |
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|--------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----|-----|-----|-----|
| 26. DATE OF SURVEY | 44 REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR | | | | | | | | | | | | | |
| | 1-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 | 105 | 110 | 115 | 120 |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| 45 RANGE IN RESERVOIR OPERATION | | | | | | | |
|---------------------------------|-----------|-----------|-----------------|------------|-----------|-----------|-----------------|
| WATER YEAR | MAX ELEV. | MIN ELEV. | INFLOW, AC. FT. | WATER YEAR | MAX ELEV. | MIN ELEV. | INFLOW, AC. FT. |
| | | | | | | | |

| 46 ELEVATION AREA CAPACITY DATA | | | | | | | | |
|---------------------------------|------|----------|-----------|------|----------|-----------|------|----------|
| ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY |
| | | | | | | | | |

47 REMARKS AND REFERENCES

1/ Pond used to collect bedload sediment and organic matter

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

Circle End Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

79-8

DATA SHEET NO.

| | | | | | | | | |
|--------------------|--|-------------------------------------|----------------------------------|------------------------------------|--|-----------------------------|----------------------------------|-------------------------------------|
| DAM | 1. OWNER USDA Forest Service | | 2. STREAM Trib. of S.Fk.Salmon | | 3. STATE Idaho | | | |
| | 4. SEC. 25 TWP. 20N RANGE 6E | | 5. NEAREST P. O. Yellow Pine 11E | | 6. COUNTY Valley | | | |
| | 7. LAT. 45° 02' 50" LONG. 115° 40' " | | 8. TOP OF DAM ELEVATION 3548 | | 9. SPILLWAY CREST ELEV. 3446.5 | | | |
| RESERVOIR | 10. STORAGE ALLOCATION | 11. ELEVATION TOP OF POOL | 12. ORIGINAL SURFACE AREA, ACRES | 13. ORIGINAL CAPACITY, ACRE-FEET | 14. GROSS STORAGE, ACRE-FEET | 15. DATE STORAGE BEGAN | | |
| | a. FLOOD CONTROL | | | | | 6/19/62 | | |
| | b. MULTIPLE USE | | | | | | | |
| | c. POWER | | | | | | | |
| | d. WATER SUPPLY | | | | | | | |
| | e. IRRIGATION | | | | | 16. DATE NORMAL OPER. BEGAN | | |
| | f. CONSERVATION | | | | | | | |
| g. INACTIVE | N.S. 1/ | 0.0035 | | 0.013 | 6/19/62 | | | |
| WATERSHED | 17. LENGTH OF RESERVOIR 0.0036 | | MILES | | AV. WIDTH OF RESERVOIR 0.0015 | | | |
| | 18. TOTAL DRAINAGE AREA 1.452 | | SQ. MI. | | 22. MEAN ANNUAL PRECIPITATION 27.7 | | | |
| | 19. NET SEDIMENT CONTRIBUTING AREA 1.452 | | SQ. MI. | | 23. MEAN ANNUAL RUNOFF | | | |
| | 20. LENGTH 2.46 | | MILES | | AV. WIDTH .59 | | | |
| | 21. MAX. ELEV. 7400 | | MIN. ELEV. 3540 | | 25. ANNUAL TEMP.: MEAN RANGE | | | |
| SURVEY DATA | 25. DATE OF SURVEY | 27. PERIOD YEARS | 28. ACCL. YEARS | 29. TYPE OF SURVEY | 30. NO. OF RANGES OR CONTOUR INT. | 31. SURFACE AREA, ACRES | 32. CAPACITY, ACRE-FEET | 33. C/I. RATIO, AC.-FT. PER AC.-FT. |
| | 9/9/70 | 0.25 | 4.98 | R | 20M | 0.0035 | 0.013 | |
| | 5/18/71 | 0.69 | 5.67 | | | | | |
| | 9/29/71 | 0.36 | 6.03 | | | | | |
| | 5/24/72 | 0.65 | 6.68 | | | | | |
| | 10/5/72 | 0.37 | 7.05 | | | | | |
| | 5/29/73 | 0.65 | 7.70 | | | | | |
| | 10/16/73 | 0.38 | 8.08 | | | | | |
| | 26. DATE OF SURVEY | 34. PERIOD ANNUAL PRECIPITATION | | 35. PERIOD WATER INFLOW, ACRE-FEET | | | 36. WATER INFL. TO DATE, AC.-FT. | |
| | | a. MEAN ANNUAL | b. MAX. ANNUAL | c. PERIOD TOTAL | a. MEAN ANNUAL | b. TOTAL TO DATE | | |
| | 26. DATE OF SURVEY | 37. PERIOD CAPACITY LOSS, ACRE-FEET | | | 38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET | | | |
| | | a. PERIOD TOTAL | b. AV. ANNUAL | c. PER SQ. MI.-YEAR | a. TOTAL TO DATE | b. AV. ANNUAL | c. PER SQ. MI.-YEAR | |
| | 9/9/70 | 0.0000 | 0.0000 | 0.0000 | 2/ | | | |
| | 5/18/71 | 0.0131 | 0.0190 | 0.0130 | | | | |
| | 9/29/71 | 0.0015 | 0.0041 | 0.0028 | | | | |
| 5/24/72 | 0.0114 | 0.0175 | 0.0120 | | | | | |
| 10/5/72 | 0.0008 | 0.0020 | 0.0014 | | | | | |
| 5/29/73 | 0.0006 | 0.0010 | 0.0007 | | | | | |
| 10/16/73 | 0.0002 | 0.0005 | 0.0004 | | | | | |
| 26. DATE OF SURVEY | 39. AV. DRY WGT., LBS. PER CU. FT. | 40. SED. DEP., TONS PER SQ. MI.-YR. | | 41. STORAGE LOSS, PCT. | | 42. SED. INFLOW, PPM | | |
| | | a. PERIOD | b. TOTAL TO DATE | a. AV. ANN. | b. TOT. TO DATE | a. PERIOD | b. TOT. TO DATE | |

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|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 26. DATE OF SURVEY | 43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION | | | | | | | | | | | | | |

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|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|------|------|------|
| 26. DATE OF SURVEY | 44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR | | | | | | | | | | | | | | |
| | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 | -105 | -110 | -115 | -120 | -125 |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION | | | | | | | | | | | | | | |

| 45. RANGE IN RESERVOIR OPERATION | | | | | | | |
|----------------------------------|------------|------------|-----------------|------------|------------|------------|-----------------|
| WATER YEAR | MAX. ELEV. | MIN. ELEV. | INFLOW, AC.-FT. | WATER YEAR | MAX. ELEV. | MIN. ELEV. | INFLOW, AC.-FT. |
| | | | | | | | |

| 46. ELEVATION-AREA-CAPACITY DATA | | | | | | | | |
|----------------------------------|------|----------|-----------|------|----------|-----------|------|----------|
| ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY |
| | | | | | | | | |

47. REMARKS AND REFERENCES

1/ Pond used to collect bedload sediment and organic matter

2/ Pond is emptied after every survey

48. AGENCY MAKING SURVEY _____

49. AGENCY SUPPLYING DATA _____

50. DATE _____

| | | | | | | | | | | | | | | | |
|---|---|------------|-----------------|------------|------------|------------|-----------------|----------|-------|--------|------|------|------|------|------|
| 26. DATE OF SURVEY | 43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION | | | | | | | | | | | | | | |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 26. DATE OF SURVEY | 44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR | | | | | | | | | | | | | | |
| | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 | -105 | -110 | -115 | -120 | -125 |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION | | | | | | | | | | | | | | |
| 45. RANGE IN RESERVOIR OPERATION | | | | | | | | | | | | | | | |
| WATER YEAR | MAX. ELEV. | MIN. ELEV. | INFLOW, AC.-FT. | WATER YEAR | MAX. ELEV. | MIN. ELEV. | INFLOW, AC.-FT. | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 46. ELEVATION-AREA-CAPACITY DATA | | | | | | | | | | | | | | | |
| ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY | | | | | | | |
| | | | | | | | | | | | | | | | |
| 47. REMARKS AND REFERENCES | | | | | | | | | | | | | | | |
| <p><u>1/</u> Pond used to collect bedload sediment and organic matter</p> <p><u>2/</u> Pond is emptied after every survey</p> | | | | | | | | | | | | | | | |
| 48. AGENCY MAKING SURVEY _____ | | | | | | | | | | | | | | | |
| 49. AGENCY SUPPLYING DATA _____ | | | | | | | | | | | | | | | |
| 50. DATE _____ | | | | | | | | | | | | | | | |

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|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|
| 26. DATE OF SURVEY | 43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION | | | | | | | | | | | |

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|--------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|------|------|------|------|
| 26. DATE OF SURVEY | 44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR | | | | | | | | | | | | | | |
| | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 | -105 | -110 | -115 | -120 | -125 |
| | PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION | | | | | | | | | | | | | | |

| 45. RANGE IN RESERVOIR OPERATION | | | | | | | |
|----------------------------------|------------|------------|-----------------|------------|------------|------------|-----------------|
| WATER YEAR | MAX. ELEV. | MIN. ELEV. | INFLOW, AC.-FT. | WATER YEAR | MAX. ELEV. | MIN. ELEV. | INFLOW, AC.-FT. |
| | | | | | | | |

| 46. ELEVATION-AREA-CAPACITY DATA | | | | | | | | |
|----------------------------------|------|----------|-----------|------|----------|-----------|------|----------|
| ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY | ELEVATION | AREA | CAPACITY |
| | | | | | | | | |

47. REMARKS AND REFERENCES

1/ Pond used to collect bedload sediment and organic matter

2/ Pond is emptied after every survey

48. AGENCY MAKING SURVEY _____

49. AGENCY SUPERVISING DATA _____

50. DATE _____