REPUBLIKA NG PILIPINAS
PAMBANSANG PANGASIWAAN NG PATUBIG
(NATIONAL IRRIGATION ADMINISTRATION)
LUNGSOD NG QUEZON

MC # 23, S. 1984

MEMORANDUM CIRCULAR

TO : ALL REGIONAL IRRIGATION DIRECTORS, PROJECT/OPERATION MANAGERS, IRRIGATION SUPERINTENDENTS AND/OR OFFICERS-IN-CHARGE OF NATIONAL IRRIGATION SYSTEMS AND ALL OTHERS CONCERNED
THIS AGENCY

SUBJECT : THE OPERATION AND MAINTENANCE MONITORING REPORT (M-CURVE) SMD FORM NO. 1

IN ORDER TO AVOID DUPLICATION OF REPORTS AND TO FURTHER ELIMINATE VOLUMINOUS ATTACHMENTS TO THE MONTHLY OPERATION AND MAINTENANCE REPORT, AS WELL AS TO UPDATE THE SAME TO SUIT THE AGENCY'S CURRENT PROGRAM AND OBJECTIVES, EFFECTIVE SEPTEMBER 1984, THE MONTHLY OPERATION AND MAINTENANCE SUMMARY REPORT FOR NATIONAL IRRIGATION SYSTEMS AS PRESCRIBED UNDER MC #26, S. 1977 AND FURTHER REVISED UNDER MC #108, S. 1980 SHALL BE DROPPED FROM USE. THE OPERATION AND MAINTENANCE MONITORING REPORT (M-CURVE) SMD FORM NO. 1, SAMPLE COPY OF WHICH IS ATTACHED, SHALL BE USED INSTEAD.

IN THIS CONNECTION, IT IS HEREBY DIRECTED THAT THE REGIONAL IRRIGATION DIRECTORS, PROJECT MANAGERS CONCERNED AND OPERATIONS MANAGER OF UPRIIS TO INSTRUCT ALL IRRIGATION SUPERINTENDENTS/OIC'S OF IRRIGATION SYSTEMS UNDER THEIR JURISDICTION TO PREPARE THE SUBJECT O AND M MONITORING REPORT (M-CURVE) MONTHLY AND TO SUBMIT THE ORIGINAL COPY NOT LATER THAN THE 15TH OF EVERY SUCCEEDING MONTH DIRECT TO THE ASSIST. ADMINISTRATOR FOR OPERATIONS, ATTN.: THE SYSTEMS MANAGEMENT DEPARTMENT, CENTRAL OFFICE, FURNISHING THE RID/PM/OM COPY OF SAME FOR THEIR REVIEW AND EVALUATION. ATTENTION OF IRRIGATION SUPERINTENDENTS/OIC'S OF SYSTEMS SHOULD BE CALLED UPON IN WRITING ON DISCREPANCIES, DEVIATIONS AND VIOLATIONS OF EXISTING GUIDELINES, RULES AND REGULATIONS THAT WILL BE NOTED IN THE REPORT, FURNISHING THE SYSTEMS MANAGEMENT DEPARTMENT COPY OF SAME.

THE USUAL LAYOUT OF THE SYSTEM SHOWING THE AREA UNDER IRRIGATION, PLANTED AND OTHER FEATURES AS REQUIRED IN THE REVISED MONTHLY O AND M SUMMARY REPORT SHALL BE ATTACHED TO THE M-CURVE. THE REPORT SHALL BE SIGNED BY THE IRRIGATION SUPERINTENDENT/OIC OF SYSTEM INDICATING THAT HE HAS REVIEWED AND CONCURRED WITH THE ENTRIES. ANY FALSE STATEMENT WILL BE TREATED AND DEALT WITH AS FALSIFICATION OF OFFICIAL DOCUMENT.

STRICT COMPLIANCE IS HEREBY ENJOINED.

(SGD.) CESAR L. TECH
ADMINISTRATOR

ENCL.: A/S

PNK/8784...

SMD FORM NO. 1

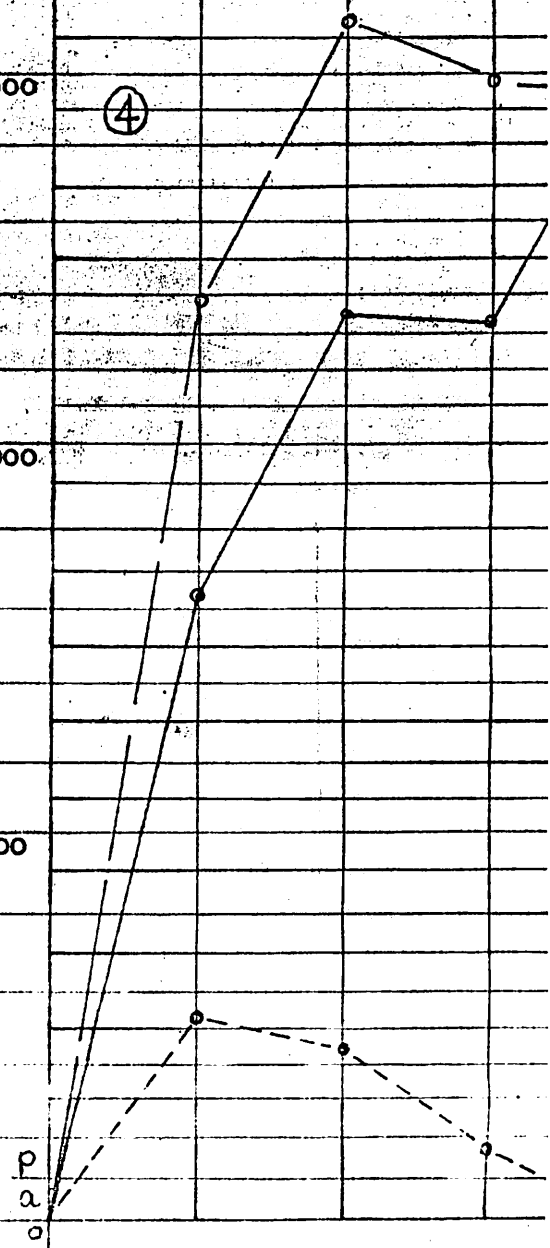
# O & M MONITORING REPORT (M-CURVE)

LEGEND: REQ'MENT ——— SUPPLIED — — — RAINFALL - - - - -

| WATER SOURCES RIVERS/CREEKS AVE. Q (lps) | | N | D | J |
|---|---|---|---|---|
| 1. | EFFECTIVE RAINFALL (mm/d) proj. | 5.20 | 2.12 | 1.80 |
| 2. | EFFECTIVE RAINFALL (mm/d) actual | 3.62 | 1.96 | 0.73 |
| 3. | IRRIG. DIVERSION REQM'T., lps | 1633 | 2355 | 2323 |
| | ACTUAL IRRIG. WATER SUPPLIED, lps | 2380 | 3120 | 2970 |
| TOTAL WATER (PADDY) REQUIREMENT, lps | | 2130 | 2059 | 1960 |

WATERMASTERS'/ASST. WATER MGT. TECHNICIANS'/SMALL SYSTEMS' AREAS (HAS)

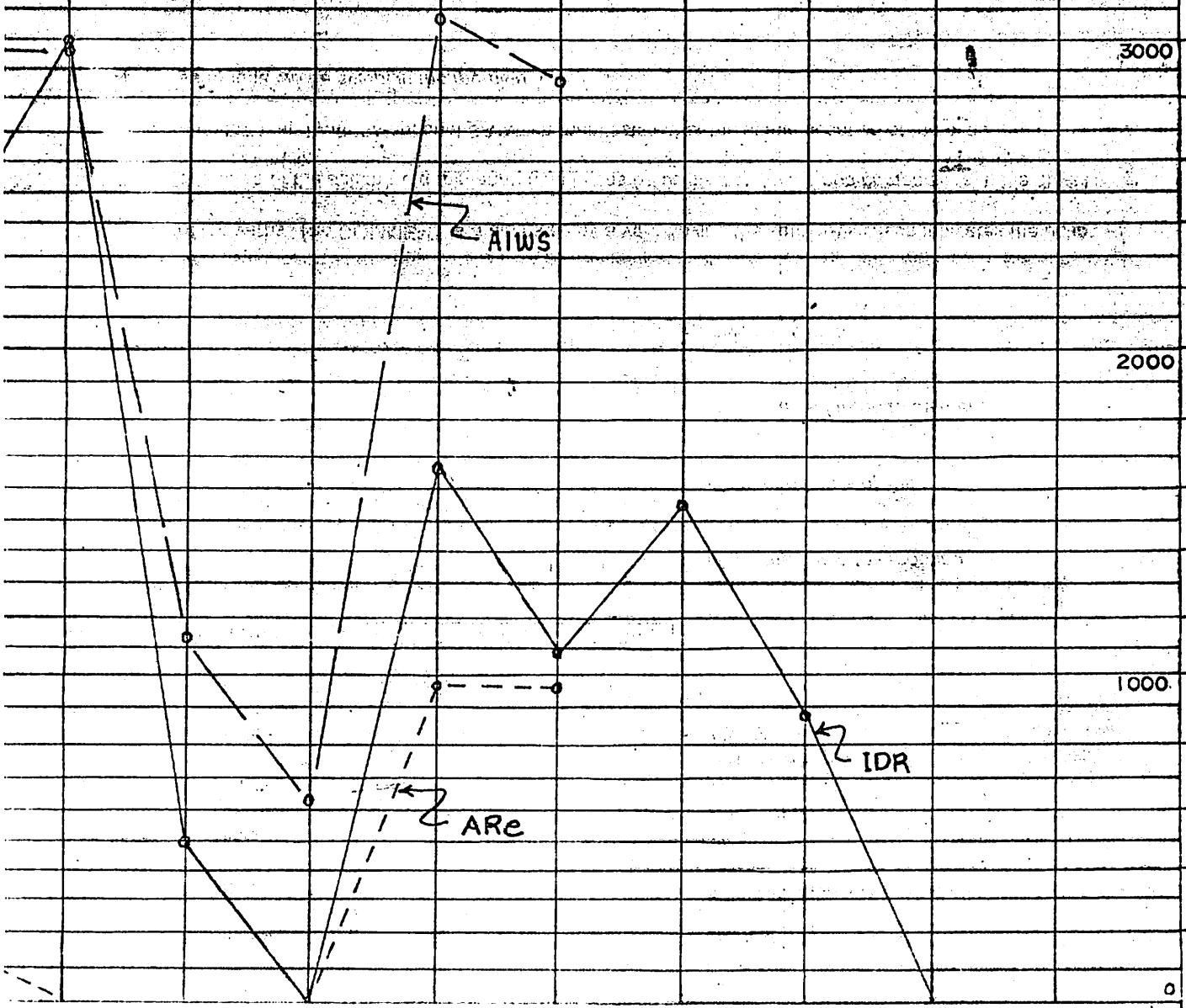
| | WM/AWMT | SERVICE AREA | N | D | J |
|---|---|---|---|---|---|
| 1. MC (MTO 1, 2, 3 & 4) LAT. A & A-1 | CRUZ | 760 p | ↑710 | ↑710 | ↑710 |
| | | a | ↑706 | ↑706 | ↑706 |
| 2. MC (MTO 5 & 6) LAT. B & C | SANTOS | 780 | ↑770 | ↑770 | ↑770 |
| | | | ↑434 | ↑332 ↑434 | ↑766 |
| 3. MC (MTO 7 & 8) LAT. D & D-1 | LARA | 777 | ↑285 | ↑352 ↑285 | ↑637 |
| | | | ↑112 | ↑388 ↑112 | ↑130 ↑500 |
| | TOTAL | 2,317 | ↑1765 | ↑352 ↑1765 | ↑2117 |
| | | | ↑1252 | ↑720 ↑1252 | ↑130 ↑1972 |
| COLUMN ① | ② | ③ | ④ | | |
| | TOTAL | | | | |




LEGEND: ↑ AREA UNDER LS/LP ↑ AREA UNDER CM ↓ AREA HARVESTED

PREPARED BY: _____

| F | M | A | M | J | J | A | S |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0.82 | 6.30 | 4.32 | 3.16 | 4.80 | 5.70 |
| 0 | 0 | 0.36 | 4.22 | 3.64 | | | |
| 998 | 499 | 0 | 1669 | 1083 | 1552 | 890 | 0 |
| 380 | 1120 | 620 | 3060 | 2850 | | | |
| 360 | 326 | 0 | 2756 | 1850 | 1850 | 1850 | 0 |
| 710 | ↓710 | ↓710 | ↑760 | ↑760 | ↑760 | ↑760 | ↓760 |
| 706 | ↓706 | ↓706 | ↓706 ↑760 | ↑760 | | | |
| 770 | ↓770 | ↓770 | ↑750 | ↑750 | ↑750 | ↑750 | ↓750 |
| 766 | ↑332 ↓434 | ↓766 | ↓766 ↑750 | ↑750 | | | |
| 637 | ↑352 ↓285 | ↓637 | ↑773 | ↑773 | ↑773 | ↑773 | ↓773 |
| 630 | ↑518 ↓112 | ↑130 ↓500 | ↓630 ↑470 | ↑303 ↑470 | | | |
| 2117 | ↑352 ↓1765 | ↓2117 | ↑2283 | ↑2283 | ↑2283 | ↑2283 | ↓2283 |
| 2102 | ↑850 ↓1252 | ↑130 ↓1972 | ↓2102 ↑1980 | ↑303 ↑1980 | | | |




PROGRA
DRY SEAS
WET SE
ANNUAL
CROPPI
MAINTENA

| SECTIONS | SAT |
|---|---|
| 4 | |
| 3 | |
| 3 | |
| 10 | |
| 5 | 6 |

lps

TOTAL CANAL LENGTH.
TOTAL NO. OF D
BGK INSP'D

CHECK AND SUBMITTED BY :

IRRIGATION SUPERINTENDENT

AL AREA (HAS.)

SON: RICE - 2,117
OTHER CROPS - 0
EASON: RICE - 2,283
L CROPS - 0

NG INTENSITY -

WATER MGT. PARAMETERS

| | DRY | WET |
|---|---|---|
| Sn, mm | 95 | 116 |
| P, mm/d | 2 | 2 |
| E, mm/d | 5 | 4 |
| Et, mm/d | 6 | 5 |
| FW + DL, % OF WR | 30 | 30 |
| CLt, % | 15 | 15 |
| System Eff. (%) | - | - |

OPERATION & MAINTENANCE PLAN

1984 REPORT AS OF JUNE

| ANCE | EXPENSES (₱) | | | COLLECTIONS | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|
| TISF. | PERSON. | REPAIRS | TOTAL | BILLED (HAS.) | C.A. ₱ | B.A. ₱ | TOTAL ₱ | |
| 4 | | | | | | | | SIPHON AT STA. 1+200 OF LAT. A DAMAGED. AFFECTED AREA = 58 has. POW FOR REPAIR ON TRANSIT |
| 3 | | | | | | | | |
| 2 | | | | | | | | LATERAL D-1 SILTED, NEEDS DESILTING TO RESTORE IT TO ITS OPERATING CAPACITY. POW ON TRANSIT. |
| 9 | | | | | | | | |
| | | | | | | | | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

| | | | | |
|---|---|---|---|---|
| AL | OTHER EXPEN. ₱ | | OTHER COLL/INCOME ₱ | |
| KRS | TOTAL EXPEN. ₱ | | TOTAL COLL/INCOME ₱ | |
| DT | SAA REC'D. ₱ | | COLLECTIBLE (ISF) ₱ | |
| | SAA BALANCE ₱ | | PERCENT COLL. (ISF) % | |

SYSTEM: Name of System

REGION: Number of Region