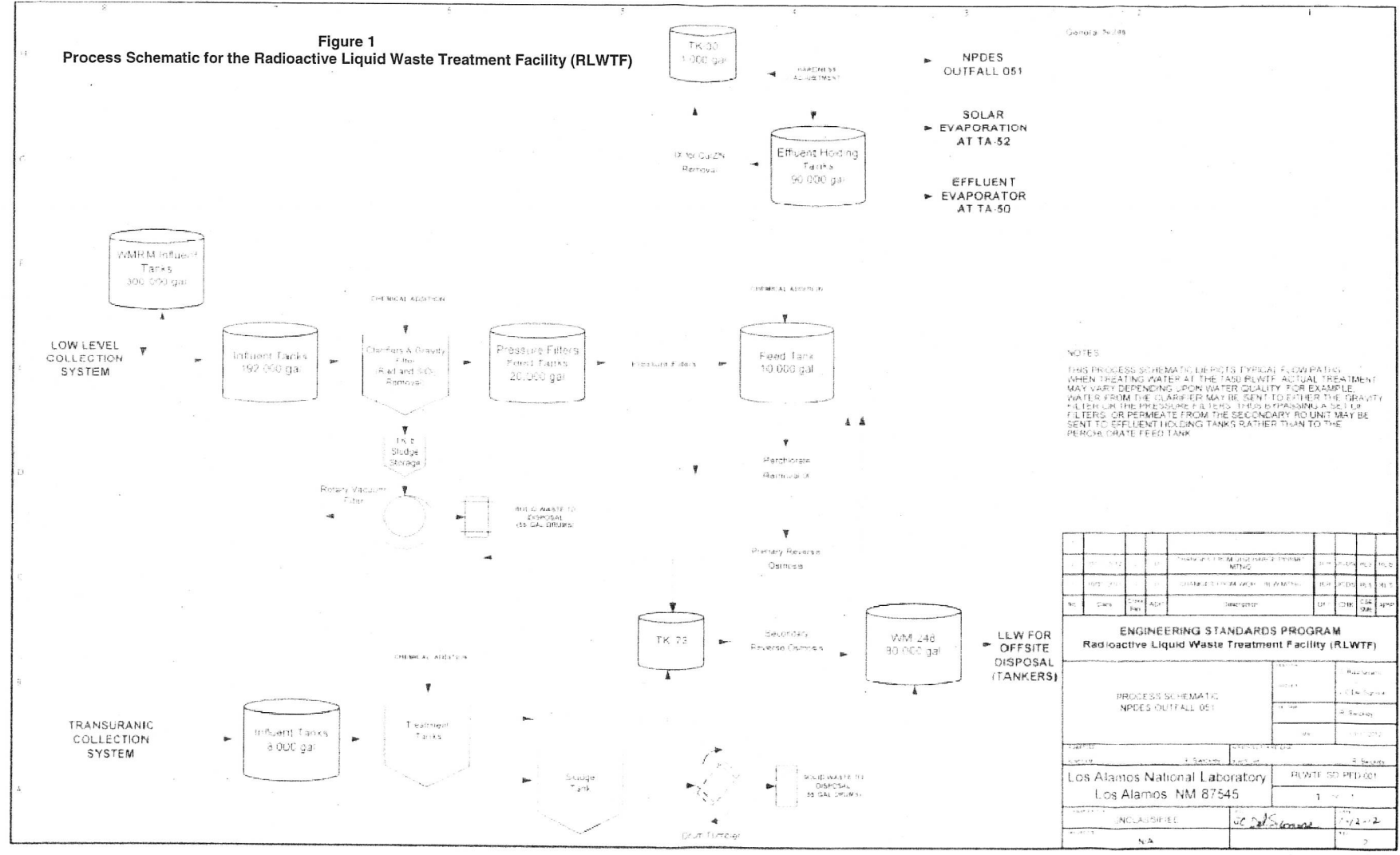


Figure 1
Process Schematic for the Radioactive Liquid Waste Treatment Facility (RLWTF)



- ▶ NPDES
OUTFALL 051
- ▶ SOLAR
EVAPORATION
AT TA-52
- ▶ EFFLUENT
EVAPORATOR
AT TA-50

NOTES
 THIS PROCESS SCHEMATIC DEPICTS TYPICAL FLOW PATTERNS WHEN TREATING WATER AT THE TANKS. ACTUAL TREATMENT MAY VARY DEPENDING UPON WATER QUALITY. FOR EXAMPLE, WATER FROM THE CLARIFIER MAY BE SENT TO EITHER THE GRAVITY FILTERS OR THE PRESSURE FILTERS. THIS SCHEMATIC DOES NOT SHOW PERMEATE FROM THE SECONDARY RO UNIT MAY BE SENT TO EFFLUENT HOLDING TANKS RATHER THAN TO THE PERCHLORATE FEED TANK.

| | | | | | |
|-----|----------|--------------------------|-----|------|------|
| REV | DATE | DESCRIPTION | BY | CHKD | APPD |
| 1 | 02/15/12 | INITIAL DESIGN | ... | ... | ... |
| 2 | 02/15/12 | REVISED FOR NPDES PERMIT | ... | ... | ... |
| 3 | 02/15/12 | REVISED FOR TANKS | ... | ... | ... |

| ENGINEERING STANDARDS PROGRAM | | | |
|---|-------------------|-------------------|---------|
| Radioactive Liquid Waste Treatment Facility (RLWTF) | | | |
| PROJECT | PROCESS SCHEMATIC | NPDES OUTFALL 051 | REVISED |
| DATE | 02/15/12 | BY | ... |
| DESIGNED BY | ... | CHECKED BY | ... |
| Los Alamos National Laboratory | | RLWTF 50 PER 001 | |
| Los Alamos, NM 87545 | | 1 of 1 | |
| CLASSIFICATION | UNCLASSIFIED | DATE | 7/2/12 |
| REVISIONS | N/A | BY | ... |