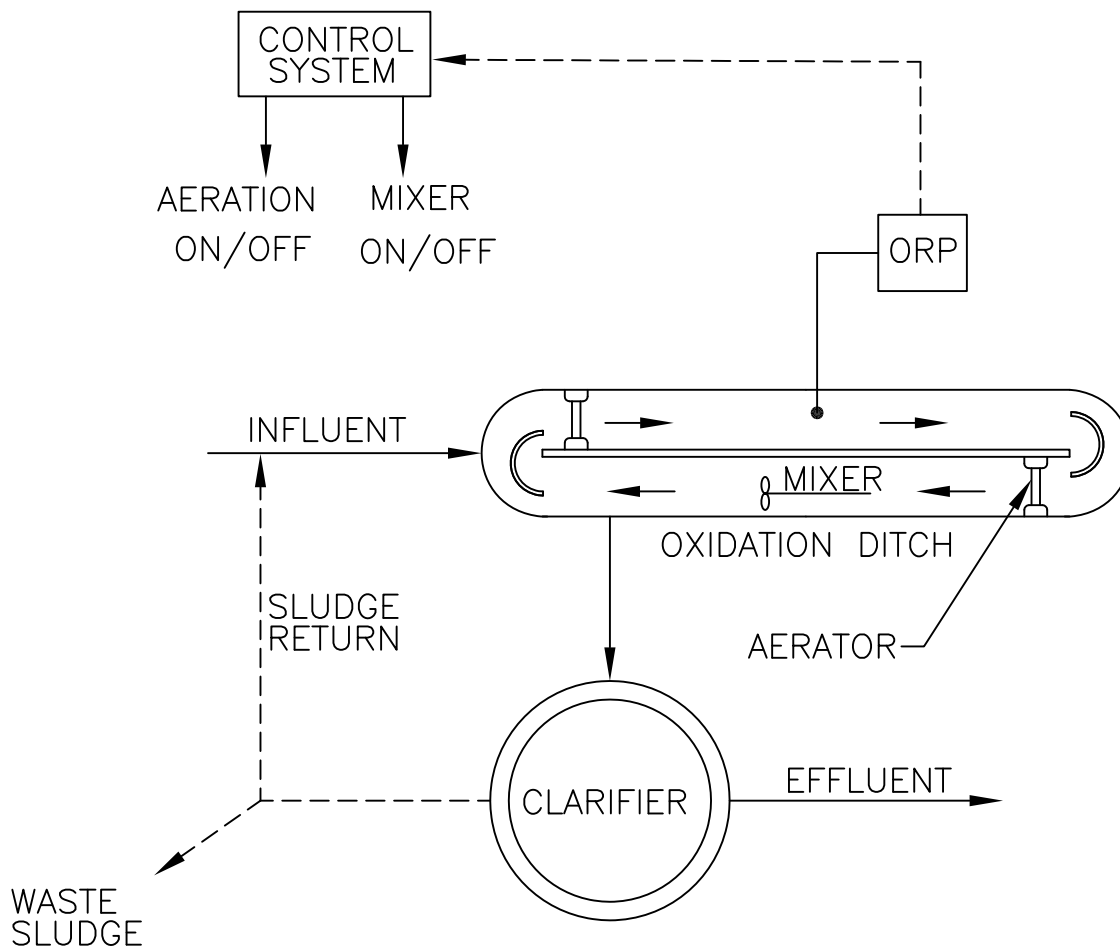


FIGURE 1A

OXIDATION DITCH WITH AUTOMATED CONTROL SYSTEM AND EXTERNAL CLARIFIER



OPERATING SEQUENCE

- | | | |
|----|--------------------------|---|
| 1. | AERATION ON
MIXER OFF | NITRIFICATION – PRODUCE NITRATE,
BOD OXIDATION AND PARTICULATE
OXIDATION |
| 2. | AERATION OFF
MIXER ON | NITRATE REDUCTION
SBOD OXIDATION BY NON-FILAMENTOUS
ORGANISMS UNDER ANOXIC CONDITIONS |