

CHEVRONTEXACO
Monterey County, California

Location Map

Attachment

A

Existing Oil Removal & Filtration Facility

> 6 MGD
Produced
Water

Excess to Class II
Wells (Existing)

Store Produced
Water
(Existing
Tank)

Remove Oil
from Produced
Water
(Existing
Induced Gas
Floatation)

Store Produced
Water
(Existing
Tank)

Filter Solids and
Residual Oil
(Existing Nut-
shell Filters)

Water to Existing
Softening Facilities

2.8 MGD
Cool
Water

H₂SO₄ for pH
Adjustment

De-gasify
Water
(Induced Gas
Floatation)

Gas to Existing
Gas Plant

New Reclamation Facility

Recycle 2nd Pass RO Reject Water

Reverse
Osmosis
(Second
Pass)

NaOH for pH
Adjustment

Reverse
Osmosis
(First
Pass)

NaOH for pH
Adjustment

Filter Water
(Cartridge
Filters)

Softener Water
(WAC
Softeners)

Filter Water
(Media
Filtration)

H₂SO₄ for pH
Adjustment

Remove Silica
and Soften
(Warm Lime
Process)

FeCl₃
MgO
Lime
NaOH

Cool
Water

Wastewater Header

Wastewater Header

Dehydrate
Solids
(Filter Press)

.7 MGD
Reject Water to
Class II Injection
Wells
(Existing)

2.1 MGD Treated
Water to Constructed
Wetlands and Aquifer
Recharge Basins

Adjust
Sodium
Absorption
Ratio

H₂SO₄ for pH
Adjustment

CaCO₃ or CaCl₂

Store
Treated
Water

Store RO
Permeate

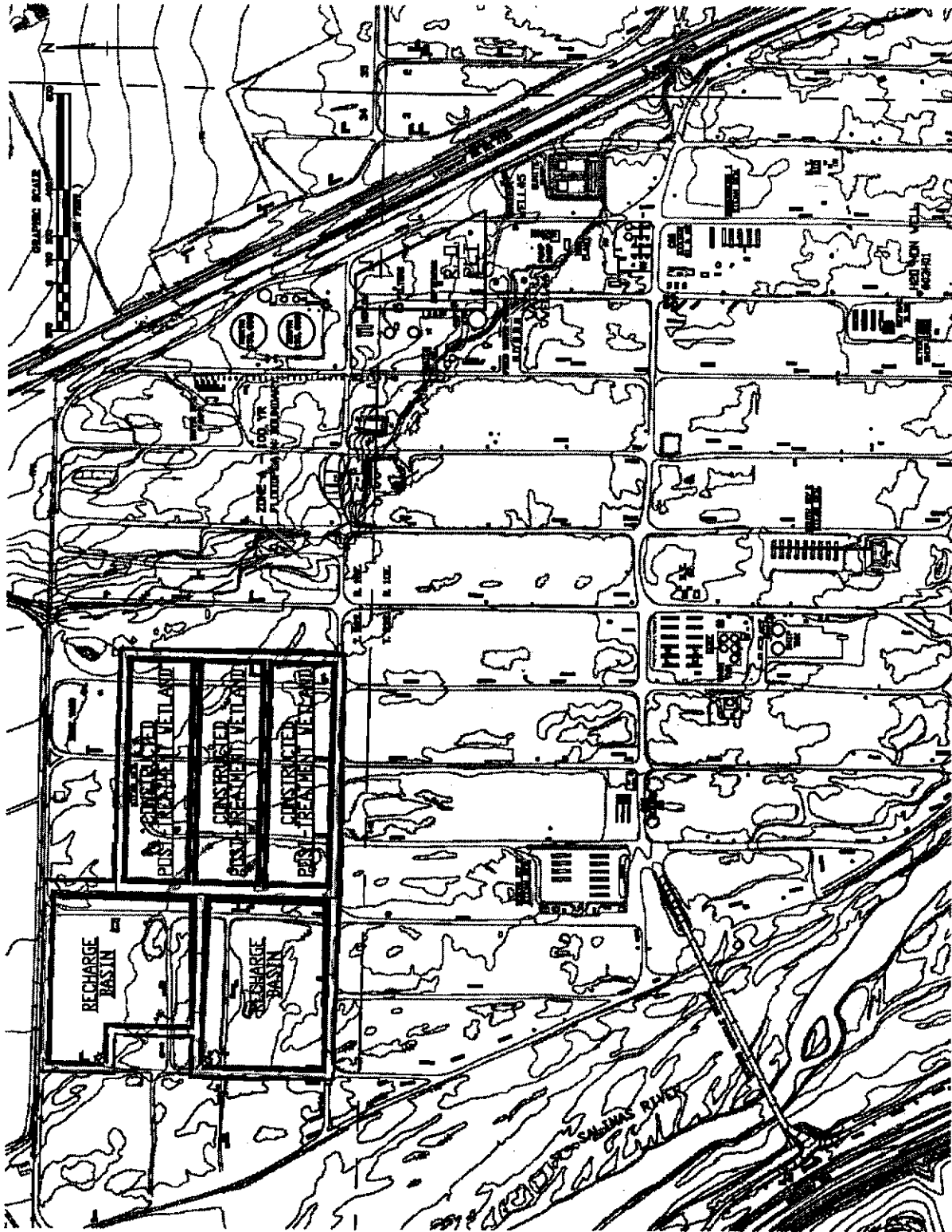


CHEVRONTEXACO San Ardo Oilfield Unit
Monterey County, California

Block Flow Diagram for Water Reclamation Unit

Attachment

B



CHEVRONTEXACO
Monterey County, California

Site Plan

Attachment

C