Type of Structure: Siphon _____ Toe-Drain _____ Underdrain X Other _____

Width (ft.): 35'  
Height (ft.): 51'  

Length (L or R): *INCROW  

Road (L or R):

% Vegetation: 95% weeds  
.5% cattails  

Habitat Type: Upstream: emergent wetland. Downstream: N/A. Upland: orchard.

Trees:  
Shrubs:  
Herbaceous: X  

Quad. Angle Map Name: Ivanhoe  
County: Tulare

SE1/4, Section 4, T. 17S, R. 26E, M.D.B. & M.

Notes: No structure. Water source is agricultural runoff east of canal. Toe-drain does not enter a natural stream.

*Inside canal right-of-way.

Date: October 5, 1995
Milepost # 61.38

Upstream

No Channel Downstream
Type of Structure: Siphon  X  Toe-Drain  ____  Underdrain  ____  Other  ____

Width (ft.):  155'

Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.

Height (ft.):

Length (L or R):  *INCROW

Road (L or R):

% Vegetation:

Habitat Type: Upstream and downstream: riparian. Upland: orange grove.

Trees:  X  Shrubs:

Herbaceous:  X

Quadrangle Map Name: Ivanhoe

County: Tulare

NE1/4, Section 27, T. 17S, R. 26E, M.D.B.& M.

Notes: Creek siphon. Riparian: cottonwoods (Populus fremontii), giant reed (Arundo donax). Sandy creekbed with cocklebur (Xanthium strumarium) and non-native grassland. Nothing at 66.6 except for bridge.

*Inside canal right-of-way.

Date: October 5, 1995
Milepost #  66.48
"Cottonwood Creek"
Milepost # 69.49
"St. John's River"
Type of Structure: Siphon X Toe-Drain Underdrain Other

Width (ft.): 233'  
Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.

Height (ft.): 30'  

Length (L or R): *INCROW

Road (L or R):

% Vegetation: 10% emergent  
45% shrubs  
45% trees  
Habitat Type: Upstream and downstream: riparian.

Trees: X  
Shrubs: X  
Herbaceous: X

Quadrangle Map Name: Woodlake  
County: Tulare

NW1/4, Section 1, T. 18S, R. 26E, M.D.B.& M.

Notes: St. John's River siphon. Willow trees and shrubs (Salix sp.); cottonwoods (Populus fremontii); some cattail (Typha sp.)

*Inside canal right-of-way.

Date: October 5, 1995
Milepost # 71.29
"Kaweah River"
Type of Structure: Siphon _X_ Toe-Drain ____ Underdrain ____ Other ____

Width (ft.): 155'

Height (ft.): 30'

Length (L or R): 510'

Road (L or R):

% Vegetation: 10% emergent
90% riparian

Habitat Type: Upstream and downstream riparian. Upland: orchard.

Trees: _X_
Shrubs: _X_
Herbaceous: _X_

Quadrangle Map Name: Rocky Hill
County: Tulare

SE1/4, Section 12, T. 18S, R. 26E, M.D.B. & M.

Notes: Willows (Salix sp.); cottonwoods (Populus fremontii); tree tobacco (Nicotiana glauca); elderberry (Sambucus mexicana); cattails (Typha sp.); blackberry (Rubus ursinus).

Date: October 5, 1995
Milepost # 71.29
"Kaweah River"

Upstream

Downstream
Milepost #  71.37 to 72.29
Type of Structure: Siphon _____ Toe-Drain _____ Underdrain _____ Other _____

Width (ft.): 12'  
Type of Maintenance: Chemical application; crane, drag line, excavator and backhoe.

Height (ft.): 4'  

Length (L or R): ~500'  

Road (L or R): N/A  

% Vegetation:  

Trees: X  Shrubs:  

Habitat Type: Ruderal  

Quadrangle Map Name: Rocky Hill  
County: Tulare  

SE1/4, Sec. 13, T. 18S, R. 26E, MD B & M.

Notes: Toe-drain on east-side - not connected to Yokohl Creek.

Date: March 19, 1996
Type of Structure: Siphon    Toe-Drain   X   Underdrain   ____ Other ____

Width (ft.): 108'  
Type of Maintenance: Chemical application; drag line; excavator.

Height (ft.): 9' 

Length (ft.): *INCROW

Road (L or R): L & R


Trees: Shrubs: 

Herbaceous: X

Quadrangle Map Name: Rocky Hill  County: Tulare

NE1/4, Section 24, T. 18S. R. 26E, M.D.B.& M.

Notes: Recently dredged, no vegetation on downstream side.

*Inside canal right-of-way.

Date: August 1995
Milepost # 72.85 to 73.40

Upstream

Downstream
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
CENTRAL VALLEY PROJECT - CALIFORNIA
FRIANT DIVISION
FRIANT-KERN CANAL RIGHT OF WAY
MARGARET V. JAMES

UNIT NO. 223
M.P. 72.90 to M.P. 73.74

TOTAL: 5.6 ACRES
Scale: 1\"=400\"
M.P. 71.37

N 88° 52' E
287.6'

TIES R. 282 M.O.M.

KEY MAP
Scale: 1"=2640'

TOTAL = 9.0 ACRES
Scale: 1"=1400'
Sale advertised Nov. 27-1954

FOR FIELD USE

M 72.25 TO M 72.50

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
CENTRAL VALLEY PROJECT-CALIFORNIA
FRIANT DIVISION
FRIANT-KERN CANAL RIGHT OF WAY
LOUIE KLOTH ET UX.

DRAWN M.H.\nTRACED E.F.\nCHECKED J.E.C.
F 2/46
Type of Structure: Siphon  Toe-Drain  Underdrain  X  Other

Width (ft.):  92'

Height (ft.):  6'

Length (ft.):  *INCROW

Road (L or R):  L & R

% Vegetation:  100% weeds

Habitat Type:  Upstream and downstream: weedy wetland, no wetland species. Upland: orange groves.

Trees:

Shrubs:

Herbaceous:  X

Quadrangle Map Name:  Rocky Hill

County:  Tulare

SWI/4, Section 24, T. 18 S, 26E, M.D.B.& M.

Notes:  Undercrossing. Water source is agricultural runoff.

*Inside canal right-of-way.

Date:  August 1995
Milepost # 73.74
"Yokohl Creek"

Type of Structure: Siphon X Toe-Drain ___ Underdrain ___ Other ___

Width (ft.): 155'  Type of Maintenance: Chemical
Height (ft.): 10'  application; drag line; excavator; backhoe.

Length (L or R):
Road (L or R):
% Vegetation: 100% weeds  Habitat Type: Upstream and downstream:
Trees: X  artificial riparian. Upland: orchard.
Shrubs:  X  Herbaceous: X

Quadrangle Map Name: Rocky Hill  County: Tulare

SE1/4, Section 23, T. 18S, R. 26E, M.D.B.& M.

Notes: Yokohl Creek channel (canal like). Cocklebur (Xanthium strumarium) and
Bermuda grass (Cynodon dactylon) in sandy bottom. Willow (Salix sp.) and valley
oak (Quercus lobata) just east of highway 245 crossing.

Date: March 19, 1996
Milepost # 73.74
"Yokohl Creek"

Upstream

Downstream
Type of Structure: Siphon ___ Toe-Drain ___ X ___ Underdrain ___ X ___ Other ___

Width (ft.): 108'

Type of Maintenance: Chemical application; drag line; excavator; backhoe.

Height (ft.): 28'

Length (ft.): *INCROW

Road (L or R): L & R

% Vegetation: Habitat Type: Upstream and downstream: weedy wetland. Upland: orange groves.

Trees: Shrubs: Herbaceous: X

Quadrangle Map Name: Rocky Hill County: Tulare

SE1/4, Section 23, T. 18S, R. 26E, M.D.B. & M.

Notes: Undercrossing. Agricultural water runoff, weed vegetation only.

*Inside canal right-of-way.

Date: August 1995
Type of Structure: Siphon _____ Toe-Drain ____ Underdrain _____ Other _____

Width (ft.): 15'  
Type of Maintenance: Chemical application; crane, drag line, excavation and backhoe.

Height (ft.): 4'  

Length (L or R): 186'  

Road (L or R): N/A  

% Vegetation:  

Trees:  

Shrubs:  

Habitat Type: Ruderal  

Herbaceous: X  

County: Tulare

Quadrangle Map Name: Rocky Hill

Notes: Non-native grasses, mustardweed (Brassica sp.), butterweed (Senecio vulgaris), cheese-weed (Malva parviflora), monkeyflower (Mimulus guttatus).

Date: March 19, 1996
Type of Structure:  Siphon  _____ Toe-Drain  _____ Underdrain  __X__ Other  _____

Width (ft.):  108'  

Height (ft.):  8'  

Length (ft.):  700'  

Road (L or R):  L & R  

% Vegetation  100% tall, dry, weeds  

Habitat Type:  Non-native grassland/ruderal (wet).  

Trees:  

Shrubs:  

Herbaceous:  X  

Quadrangle Map Name:  Rocky Hill

County:  Tulare

SW1/4, Section 18, T. 19S, R. 27E, M.D.B.& M.

Notes:  Russian thistle (Salsola tragus); mare's tail (Coryza canadensis); thistle (Cirsium sp.); Johnson grass (Sorghum halepense); annual grasses.

Date:  October 6, 1995
Milepost #  84.45 to 85.12
Type of Structure: Siphon ___ Toe-Drain ___ Underdrain ___ Other ___

Width (ft.): 10’

Type of Maintenance: Chemical application; crane; drag line; excavation and backhoe

Height (ft.): ~10’

Length (L or R): *INCROW and 88’

Road (L or R): N/A

% Vegetation: Habitat type: Ruderal

Trees:    Shrubs:    Herbaceous:

Quadrangle Map Name: Lindsay    County: Tulare

SW1/4, Section 4, T. 20S R.27E, M.D.B.&M

Notes: Virtually no vegetation in ditch on banks—cheese weed (Malva parviflora), non-native grasses, Senecio vulgaris—ditch really ends ant milestone #8.60—structure at milestone 84.45 but no ditch.

*Inside canal right-of-way.

Date: March 19, 1996
Milepost # 84.45 - 85.12

KEY MAP
SCALE 1" = 2640'

AREA = 8.6 ACRES
SCALE 1"=200'

FOR FIELD USE

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF RECLAMATION
CENTRAL VALLEY PROJECT - CALIFORNIA

ERLANG - KERN CANAL RIGHT OF WAY
ALVA A. DANIELS E+AI

DRAWN: J.G.
SUBMITTED:
CHECKER: E. E.
Milepost # 85.34 to 85.56
"Lewis Creek"
Milepost # 85.34 to 85.56
"Lewis Creek"

----- Width (ft.) -----

* * * \ / * * *

* * \ - Height (ft.) / * *

* \ / *

* \ ___________/ *

Type of Structure: Siphon ___ X ___ Toe-Drain ___ Underdrain ___ Other ___

Width (ft.): 2,040'

Type of Maintenance: Chemical application; crane, drag line, excavation and backhoe.

Height (ft.): 15'

Length (L or R): 714'

Road (L or R): N/A

% Vegetation: 

Habitat Type:

Trees:  X  Shrubs:  X

Herbaceous:  X

Quadrangle Map Name: Lindsay

County: Tulare

SW1/4, Section 9, T. 20S, R. 27E, M.D.B. & M.

Notes: Eucalyptus, upstream: (1) tree tabacco (*Nicotiana glauca*); California sunflower (*Helianthus annuus*), cocklebur (*Xanthium strumarium*); curly dock (*Rumex crispus*); *Oxalis* sp.; non-native grasses, wild radish (*Raphanus sativus*).

Date: August 1995
Milepost # 85.34 to 85.56
"Lewis Creek"

Upstream

Downstream
AREA = 8.5 ACRES
SCALE 1" = 400'

MILEPOST # 85.34 - 85.56
"Lewis Creek"
Milepost # 85.34 - 85.56
"Lewis Creek"

TRACT REQUIRED
HARRY J. OGILVIE
TRACT

KEY MAP
SCALE 1" = 2640'

S 20° 35' E 711.6', PC 4830+00.71'
N 1° 27' W 322.7', AT 4632+00.80
N 32° 30' W 195.0', Sta. 4633+30.11
N 53° 15' W 80.5', M.P. 85.50

AREA = 3.6 ACRES
SCALE T" = 400'

FOR FIELD USE

FRIANT-BERN' CANAL RIGHT OF WAY
HARRY J. OGILVIE

F419
Type of Structure:  Siphon  ____  Toe-Drain  ____  Underdrain  __X__  Other  ____

Width (ft.):  15'

Height (ft.):  3'

Length (ft.):  816'

Road (L or R):  No Road

% Vegetation:  100% weeds

Habitat Type:  Non-native grassland; ruderal.

Trees:  

Shrubs:  

Herbaceous:  X

Quadrangle Map Name:  Lindsay

County:  Tulare

NW1/4, Section 33, T. 20S, R. 27E, M.D.B. & M.

Notes:  Boundaries for this section are very rough because it drains into a field. There are 16 drainage ditch pathways. No stream/streambed observed; just underdrain.

Date:  October 6, 1995
Milepost # 89.70 to 89.97
Milepost # 89.70 to 89.97

--- Width (ft.) ---

\[
\begin{array}{c}
\text{Height (ft.)} \\
\text{Width (ft.)}
\end{array}
\]

Type of Structure: Siphon ____ Toe-Drain ____ Underdrain ____ Other ____

Width (ft.): 10 - 25'  
Type of Maintenance: Chemical application.

Height (ft.): 15 - 20'

Length (L or R): From milepost 89.97 to 90.22

Road (L or R):

% Vegetation:  
Habitat Type: Ruderal and freshwater marsh vegetation.

Trees:  
Shrubs: Herbaceous: X

Quadrangle Map Name: Lindsay  
County: Tulare

NE1/4, Sec. 33, T. 20S, R. 27E, M.D.B. & M.

Notes: Road crossing at milepost 89.97 - no stream. Cattails (Typha sp.); cocklebur (Xanthium strumarium); California sunflower (Helianthus annuus). Upland - non-native grasses and other foliage; ripgut brome (Bromus diandrus).

Date: March 9, 1996
Milepost # 89.70 to 89.97

Upstream

Downstream
TRACT 1 = 8.10 ACRES
TRACT 2 = 6.09 ACRES
Sold - TRACT 2A = 2.09 ACRES LAND FOR DISPOSAL
Sold - TRACT 2B = 0.72 ACRES LAND FOR DISPOSAL
TRACT 3 = 1100 ACRES
TRACT 4 = 7.30 ACRES
TOTAL = 35.30 ACRES

PLAN
Scale: 1"=400'
Type of Structure: Siphon ___ Toe-Drain ___ Underdrain ___ X ___ Other ___

Width (ft.): 123'
Height (ft.): 15'
Length (ft.): 612'
Road (L or R): L & R

% Vegetation: 25% weeds
75% bare

Habitat Type: Non-native grassland; ruderal.

Trees: 
Shrubs: 
Herbaceous: X

Quadrangle Map Name: Lindsay
County: Tulare

SE1/4, Section 33, T. 20S, R. 27E, M.D.B. & M.

Notes: Down stream - Pool with no vegetation. Non-native grassland/ruderal = annual grasses; ripgut brome (*Bromus diandrus*); turkey mullein (*Eremocarpus setigerus*).

Date: October 6, 1995
Milepost # 91.36 to 92.13
Type of Structure: Siphon ______ Toe-Drain ______ Underdrain ______ Other ______

Width (ft.): ______

Height (ft.): 10'

Length (L or R): 15'

Road (L or R): N/A

% Vegetation: 50% bare 50% weeds

Habitat Type: Non-native grassland/ruderal.

Trees: ______ Shrubs: ______

Herbaceous: X

Quadrangle Map Name: Lindsay

County: Tulare

SE1/4, Section 4, T. 21S, R. 27E, M.D.B.& M.

Notes: Olive orchards on both sides. Brome (Bromus sp.); foxtail barley (Hordeum sp.); California sunflower (Helianthus annuus).

Date: March 9, 1996
Milepost # 91.36 - 92.13

PARCEL 1 = .25

\[
\begin{align*}
1 &= 1.00 \\
2 &= 8.00 \\
3 &= 0.10 \\
\text{TOTAL} &= 10.60
\end{align*}
\]

SCALE FEET = 4.00
Type of Structure: Siphon X Toe-Drain ______ Underdrain ___ Other ___

Width (ft.): 61' Type of Maintenance: Chemical application.

Height (ft.): 18'

Length (ft.): 816'

Road (L or R): L & R

% Vegetation: 75% bare
25% tall, dry, weeds

Habitat type: Ruderal

Trees: 

Shrubs: 
Herbaceous: X

Quadrangle Map Name: Porterville
County: Tulare

SE1/4, Section 9, T. 21S, R. 27E, M.D.B & M.

Notes: California sunflower (*Helianthus annuus*); Johnson grass (*Sorghum halepense*). Not really a stream - no outlet on downstream side; pasture on upstream, eucalyptus plantation on downstream.

Area is completely enclosed with a barbed wire fence.

Date: October 6, 1995
Milepost #  94.85
"Porter Slough"
Type of Structure: Siphon  X  Toe-Drain  ____  Underdrain  ____  Other  ____

Width (ft.):  77'

Height (ft.):  20'

Length (L or R):  408'

Road (L or R):

% Vegetation:  Habitat Type: Streamside ruderal, stream

Trees:  X  Shrubs:  Herbaceous:  X

Quadrangle Map Name: Porterville  County: Tulare

SWI/4, Section 20, T. 21S, R. 27E, M.D.B.& M.

Notes: Knot weed (Polygonum sp.); California sunflower (Helianthus annuus); cocklebur (Xanthium strumarium); nutsedge (Cyperus sp.); willow herb (Epilobium ciliatum var. ciliatum); 2 giant reed (Arundo donax); 1 valley oak (Quercus lobata) sapling.

* Restoration candidate site.

Date: October 6, 1995
Milepost # 94.85
"Porter Slough"

Upstream

Downstream
M.P. 94.85
STA 519+93.50

AREA = 16.8 ACRES
SCALE: 1" = 2640'

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF RECLAMATION
CENTRAL VALLEY PROJECT - CALIFORNIA
FRIANT - KERN CANAL RIGHT-OF-WAY
M.B. AVILA

DRAWN: L.C.T. SUBMITTER: H.M.
TRACED: H.L.E. RECOMMENDED: N.L.
CHECKED: J.L. APPROVED: R.W.

F4295A FRIANT, CALIF. MARCH 22, 1947
Milepost #    95.67
"Tule River"
Type of Structure: Siphon ___ X ___ Toe-Drain ____ Underdrain ____ Other ____

Width (ft.): ~ 155'

Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.

Height (ft.): ~ 25'

Length (L or R): 816'

Road (L or R): Road access on all banks.

% Vegetation:

Trees: ___ Shrubs: X ___ Herbaceous: X

Quadrangle Map Name: Porterville ___ County: Tulare

Notes: Knot weed (Polygonum sp.); mare’s tail (Conyza canadensis); giant reed (Arundo donax); California sunflower (Helianthus annuus); cocklebur (Xanthium strumarium); some mulefat (Baccharis salicifolia).

Lots of giant reed (Arundo donax) upstream ~200' (above road crossing with culverts. Well developed, dense riparian begins ~300' downstream beyond "rip-rap" bank.

Date: October 6, 1995
Milepost # 99.37 to 99.68
Type of Structure: Siphon ____ Toe-Drain ____ Underdrain ____ Other ____

Width (ft.): 58'

Height (ft.): 23'

Length (ft.): 1,122'

Road (L or R): R

% Vegetation: 70% bare
30% weeds

Habitat Type: Non-native grassland/ruderal.

Trees: 
Shrubs: 
Herbaceous: X

Quadrangle Map Name: Porterville
County: Tulare

NW1/4, Section 18, T. 22S, R. 27E, M.D.B.& M.

Notes: Not really a stream - no outlet; landfill "downstream". Area is completely enclosed with a barbed wire fence.

Date: October 6, 1995
Milepost # 99.37 to 99.68

Upstream

Downstream
PARCEL I = 16.4 ACRES
2.0 ACRES TOTAL

FOR FILE

MILEPOST # 99.37 - 99.68

JOSEPH FAHRE
LOT 1
PARCELS

OLDE DEL RIO CREEK CHANNEL

TRACTION REQUIRED

T.22 S R.22 E M.O.M.
KEY MAP
SCALE 1" = 2640'

LISTED TO
May 10, 1981
Milepost # 101.13 to 101.66
Width (ft.): 20'  
Height (ft.): 15'  
Length (L or R): INCROW  
Road (L or R): N/A  
% Vegetation:  
Trees:  
Shrubs:  
Quadrangle Map Name: Ducor  
County: Tulare  
Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.  
Habitat Type: Ruderal  
Non-native grasses, fiddle neck (*Amsinckia menziessi*); butter weed (*Senecio vulgaris*).  
*Inside canal right-of-way.*  
Date: March 19, 1996
Upstream

No Channel Downstream
Milepost # 102.67 - 102.69
"Deer Creek"
Type of Structure: Siphon __X__ Toe-Drain ____ Underdrain ____ Other ____

<table>
<thead>
<tr>
<th>Width (ft.)</th>
<th>~233'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.</td>
<td></td>
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</tbody>
</table>

<table>
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<tr>
<th>Height (ft.)</th>
<th>~25'</th>
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</table>

<table>
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<tr>
<th>Length (L or R):</th>
<th>306'</th>
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<tbody>
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<td>Road (L or R):</td>
<td>Access on all banks.</td>
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<table>
<thead>
<tr>
<th>% Vegetation:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Trees:</th>
<th>X</th>
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</thead>
<tbody>
<tr>
<td>Shrubs:</td>
<td>X</td>
</tr>
<tr>
<td>Herbaceous:</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quadrangle Map Name:</th>
<th>Ducor</th>
</tr>
</thead>
<tbody>
<tr>
<td>County:</td>
<td>Tulare</td>
</tr>
</tbody>
</table>

NW1/4, Section 31, T. 22S, R. 27E, M.D.B.& M.

Notes: Willow herb (*Epilobium ciliatum* var. *ciliatum*); rush (*Juncus* sp.); cocklebur (*Xanthium strumarium*); willow (*Salix* sp.); tree tobacco (*Nicotiana glauca*); monkeyflower (*Mimulus guttatus*). Water source for downstream appears to be Friant outlet; upstream is dry. Upstream of fence and downstream of road: narrow riparian on both banks; sycamore (*Platanus racemosa*); willows (*Salix* sp.).

Date: October 6, 1995
Type of Structure: Siphon _____ Toe-Drain _____ Underdrain ___ X ___ Other ____

Width (ft.): 77' Type of Maintenance: Chemical application.

Height (ft.): 20'

Length (ft.): *INCROW

Road (L or R): L

% Vegetation: 75% bare
25% dry weeds Habitat Type: Non-native grassland/ruderal.

Trees: Shrubs: Herbaceous: X

Quadrangle Map Name: Ducor County: Tulare

NE1/4, Section 1, T. 23S, R. 26E, M.D.B. & M.

Notes: No apparent stream - no outlet. Upstream = orchard, "downstream" = vineyard.

*Inside canal right-of-way.
**Area is completely enclosed with a barbed wire fence.

Date: October 6, 1995
T 235 R 26 E, M.D.M.
KEY MAP
Scale: 1" = 2640'

M.P. 104.11
STA 5613+00

Scale: 1" = 400'

PARCEL A = 7.02 ACRES
PARCEL B = 4.88 ACRES
PARCEL I = .328 ACRES
TOTAL 44.7 ACRES

LAND FOR DISPOSAL — SOLD
Milepost # 104.98 to 105.64
Type of Structure: Siphon ___ Toe-Drain ___ X Underdrain ___ Other ___

Width (ft.): 25'

Type of Maintenance: Chemical application; crane, drag line, excavation and backhoe.

Height (ft.): 20'

Length (L or R): *INCROW

Road (L or R): N/A

% Vegetation: 

Habitat Type: Ruderal

Trees: 

Herbaceous: X

Shrubs: 

County: Tulare

Quadrangle Map Name: Ducor

SW1/4, Sec. 12, T. 23S, R. 26E, M.D.B. & M.

Notes: Non-native grasses, Russian thistle (Salsola tragus); fiddle neck (Amsinckia menziesii); very shallow ditch (relative to other toe-drains).

*Inside canal right-of-way.

Date: August 1995
Upstream

No Channel Downstream
PARCEL 1 = 150 ACRES
PARCEL 2 = 200 ACRES
TOTAL = 2.8 ACRES

NOTE:
Return to C.J. Hall in 1958
1.37 Acres

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
CENTRAL VALLEY PROJECT - CALIFORNIA
FRIANT-KERN CANAL RIGHT OF WAY
H.S. HAZELTINE

DRAWN L.C.T. SUBMITTED TRACED E.E. RECOMMENDED
CHECKED F-4321

Milepost # 104.98 - 105.64
Type of Structure: Siphon ____ Toe-Drain ____ Underdrain ___ X___ Other____

Width (ft.): 108'  
Type of Maintenance: Chemical application.

Height (ft.): 20'

Length (ft.): ~180'

Road (L or R): L & R

% Vegetation: 25% short weeds 75% bare

Habitat Type: Non-native grassland/ruderal

Trees:   
Shrubs:   
Herbaceous: X

Quadrangle Map Name: Sausalito School  County: Tulare

SE1/4, Section 22, T. 23S, R. 26E, M.D.B.& M.

Notes: No apparent stream. Turkey mullein (Eremocarpus setigerus); California sunflower (Helianthus annuus); Russian thistle (Salsola tragus); ripgut brome (Bromus diandrus).

Date: October 6, 1995
Type of Structure: Siphon _____ Toe-Drain _____ Underdrain ____X____ Other _____

Width (ft.): 139'  Type of Maintenance: Chemical application.

Height (ft.): 36'

Length (ft.): 245'

Road (L or R):  L & R

% Vegetation: 20% short weeds  Habitat Type: Non-native grassland/ruderal.
80% bare

Trees:  Shrubs:  Herbaceous: X

Quadrangle Map Name: Sausalito School  County: Tulare

NE1/4, Section 27, T. 23S, R. 26E, M.D.B.& M.

Notes: No apparent stream. Turkey mullein (Eremocarpus setigerus); California sunflower (Helianthus annuus); Russian thistle (Salsola tragus); ripgut brome (Bromus diandrus). The general area around the culvert entrance is bare, (20% short weeds & 80% bare). The entrance to the culvert (upstream) is 100% cattails.

Date: October 6, 1995
Type of Structure: Siphon X Toe-Drain Underdrain Other

Width (ft.): ~77'

Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.

Height (ft.): ~200'

Length (L or R): 325'

Road (L or R): Access on all sides.

% Vegetation:

Habitat Type: Ruderal

Trees: Shrubs: Herbaceous: X

Quadrangle Map Name: Delano East County: Tulare

NE1/4, Section 16, T. 23S, R. 26, M.D.B.& M.

Notes: California sunflower (Helianthus annuus); cocklebur (Xanthium strumarium); willow (Salix sp.); mare's tail (Cynara canadensis); cottonwood seedling (Populus fremontii); no water upstream of Friant crossing, water being released from Friant downstream.

Date: October 6, 1995
Milepost # 130.03
"Poso Creek"
Milepost # 130.03
"Poso Creek"

--- Width (ft.) ---

* * * \ / * * *
. . \ - Height (ft.) / .
. \ --------------------- /
. \ / .

Type of Structure: Siphon X Toe-Drain ___ Underdrain ____ Other ___

Width (ft.): ~310' Type of Maintenance: Chemical application; drag line; excavator; dozer. Hand work.

Height (ft.): ~20'

Length (L or R): 1,122'

Road (L or R): Access on all sides.

% Vegetation: Habitat Type: Streamside ruderal.

Trees: X Shrubs: X Herbaceous: X

Quadrangle Map Name: Famoso County: Kern

SW1/4, Section 36, T. 26S, R. 25E, M.D.B.& M.

Notes: California sunflower (Helianthus annuus); cocklebur (Xanthium strumarium); annual bur-sage (Ambrosia acanthicarpa); prickly lettuce (Lactuca serriola); tumble mustard (Hirschfeldia incana); skeleton weed (Stephanomeria virgata ssp. virgata); cottonwoods (Populus fremontii) and willows (Salix sp.) begin ~200' up and downstream. Some mulefat (Baccharis salicifolia) on stream "bench". No water being released.

Date: October 6, 1995
Appendix 3. Field construction and Spill Contingency Plan
FIELD CONSTRUCTION SPILL CONTINGENCY PLAN

This plan is devised to prevent and/or minimize environmental impacts which could occur in the field during construction projects or maintenance projects involving the use of heavy equipment. Sometimes during field work, heavy equipment and/or other vehicles require the addition of petroleum based fluids such as oils and hydraulic fluids. The following plan has been developed to minimize potential environmental impacts from field spills. The basic approach of the plan is first to avoid spills in the field, to preclude them from happening whenever possible and to minimize environmental impacts in the event one should occur.

Regular scheduled preventative maintenance work is not to be conducted in the field. This policy reduces the risk of significant spills by avoiding activities which could result in large spills. No construction equipment or field vehicles will be staged on natural ground in flood plain areas or in stream channels. This will avoid having ground water or surface water contaminated by potential equipment leaks.

If stationary equipment, such as compressors, motors, pumps, generators or welders are necessary for a project, drip protection will be provided. Any equipment or vehicles which may be necessary to conduct work in water or stream channels will be checked daily to ensure they do not leak into the water or flood plain.

Necessary repairs, oiling or fluid changes will be conducted outside of the stream channel to minimize potential for spills in a channel. Drip protection will be provided for emergency repair work which may be required to be conducted in the stream channel or flood plain area.

Refueling will be conducted outside any stream channel.

In the event a spill occurs in water or where it may get into water, cleanup will be initiated immediately. Priority actions will be given to the protection of human health and safety. Every feasible action will be taken to reduce environmental impacts. Containment will be installed with the use of booms, sorbent pads, berms and diversions, or other means as necessary to contain and minimize the spill and prevent the spill from entering a waterway. Spills on natural ground will be cleaned up with sorbent materials, or otherwise excavated and disposed of in accordance with applicable laws and regulations.

If petroleum based products or other chemicals are spilled in natural vegetation, the area will be revegetated if so required by the California Department of Fish and Game.

The Friant Water Users Authority has a staff biologist available to assist with emergency spill cleanup who is also certified in bird cleanup following oil spills.

The California Department of Fish and Game will be notified in accordance with applicable laws, regulations and permits.