# LEA / CIWMB Partnership Conference

## Solid Waste Case Study

## Bisso Illegal Disposal site

Bob Swift, Sonoma County LEA

May 2005

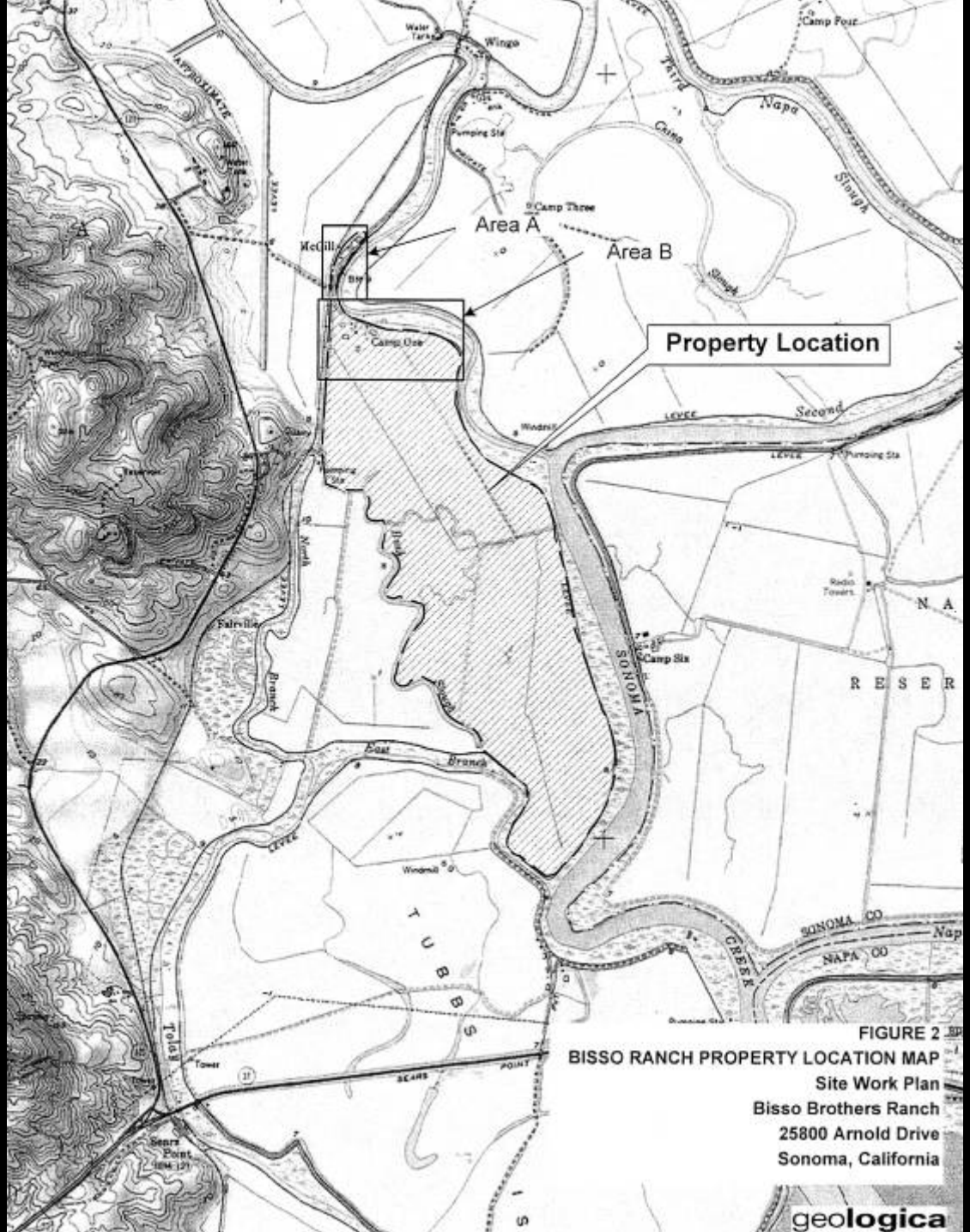


FIGURE 2
BISSO RANCH PROPERTY LOCATION MAP
Site Work Plan
Bisso Brothers Ranch
25800 Arnold Drive
Sonoma, California

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# 1980-1989

**1980**

- BZA Resolution (Illegal MHP)

**1985**

- County Counsel Action

**1986**

- LEA and RWQCB solid waste insp
- BOS Resolution

**1987**

- LEA insp

**1988**

- CA DHS, TSC Div insp
- County Counsel preliminary injunction

# 1990-1994

**1990**

- USEPA NPL Preliminary Assessment

**1991**

- LEA insp w/ RWQCB

**1992**

- Trial

**1993**

- Superior Court Judgment
- Cal/EPA insp

**1994**

- LEA insp

5 23 95

# 1995

- Superior Court Judgment – Contempt
- Default Judgment-tort claimant
- Property ownership transfer
- Contempt of Court – penalties, jail
- Wood pile fire
- Complaint/cross complaint – property ownership

# 1996-2000

**1997**

- Bankruptcy
- LEA inspection
- Trial – Contempt of Court

**1999**

- Trial – property Ownership

**2000**

- Court Judgment – Property vested to Western Gravel
- Grand Jury investigation

WAIT HERE
FOR
ATTENDANT
STOP

# 2001-2002

**2001**

- Notice and Order issued
- Cal/EPA inspection

**2002**

- Initial and Revised Site Assessment Work Plans

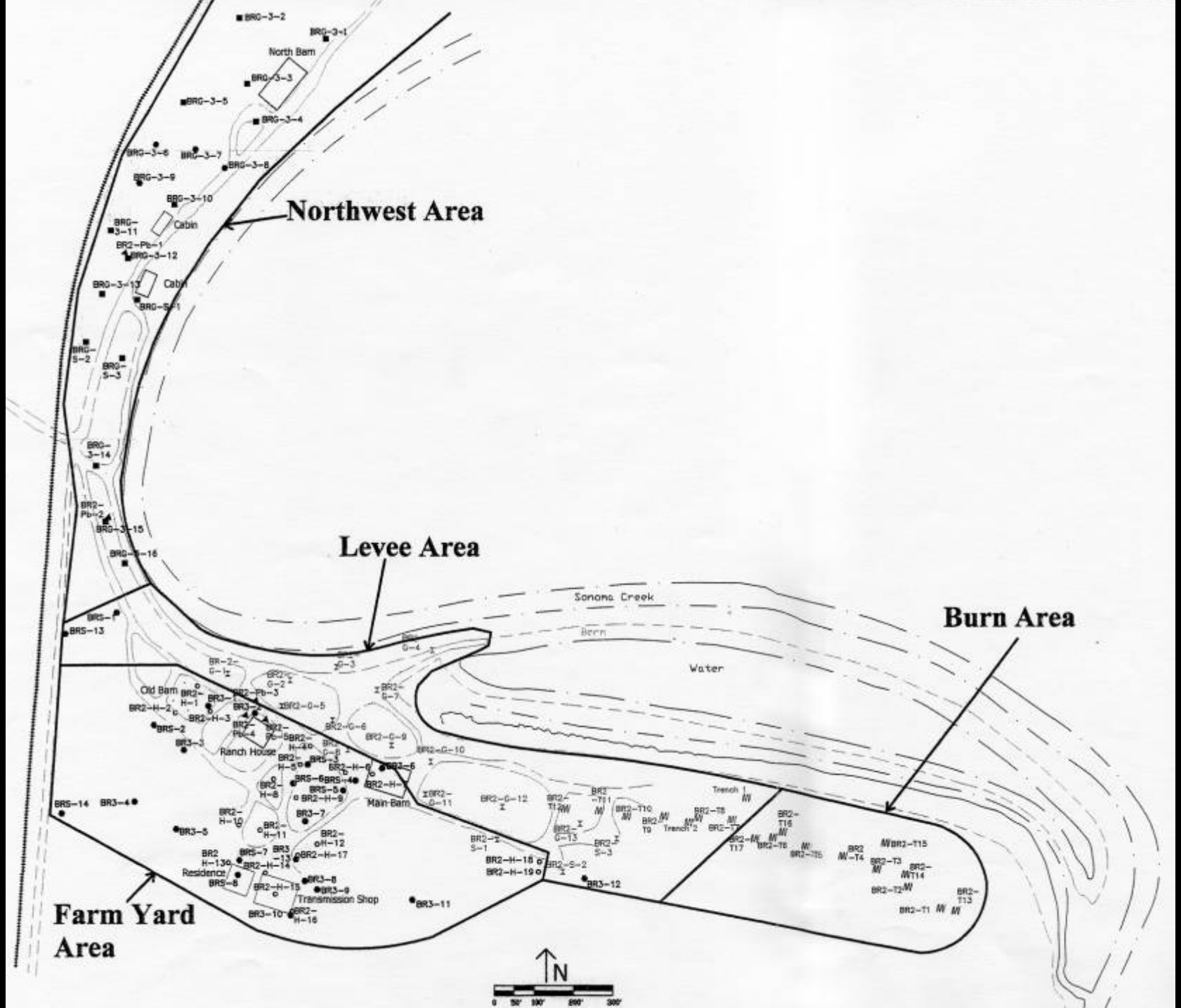
# 2003-2004

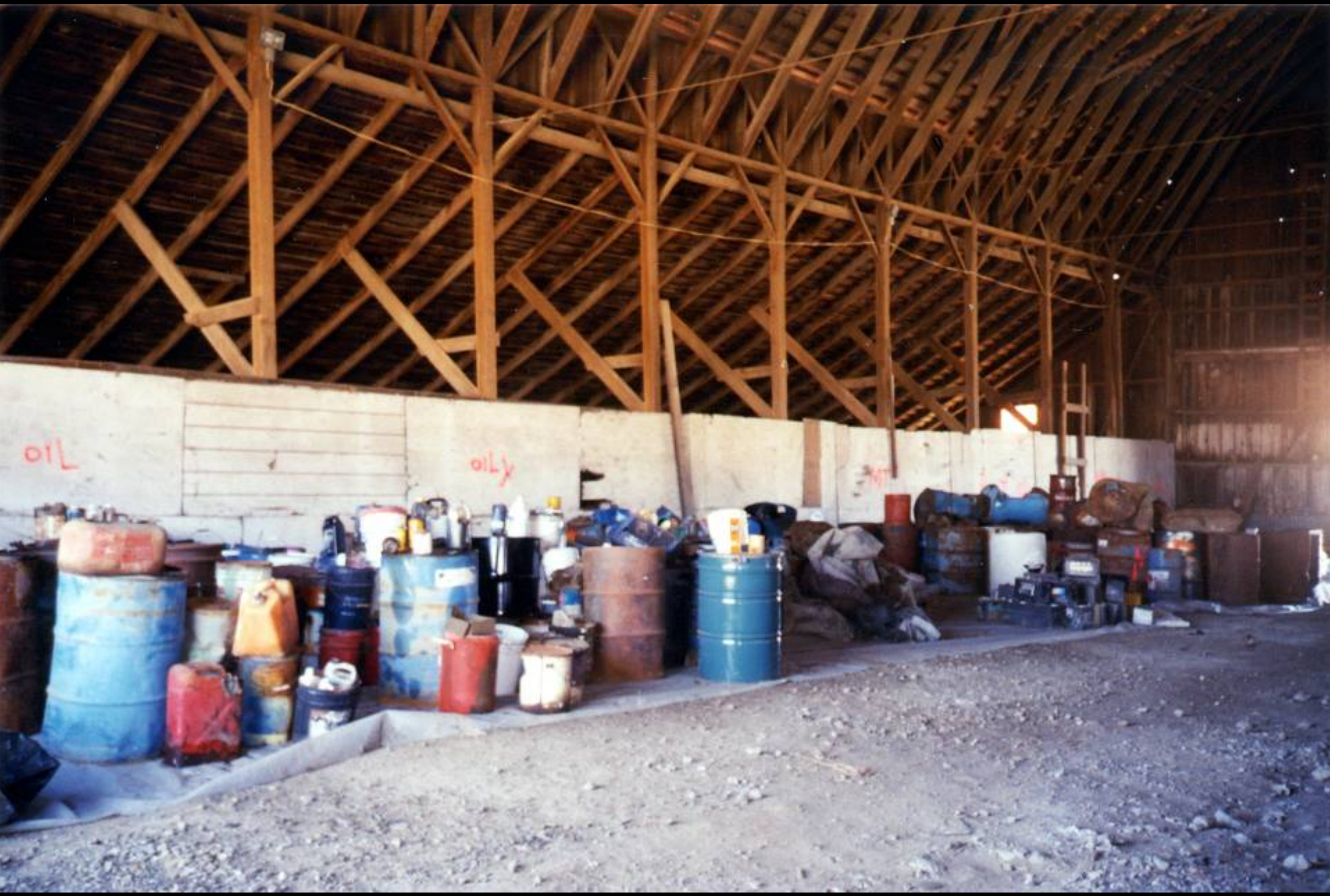
**2003**

- Site Characterization Report
- Site Remediation Work Plan

**2004**

- Grading Plan / Sonoma Land Trust (?)


Northwest Area
Levee Area
Burn Area
Farm Yard Area
North Barn
Cabin
Cabin
Sonoma Creek
Water
Old Barn
Ranch House
Main Barn
Residence
Transmission Shop
N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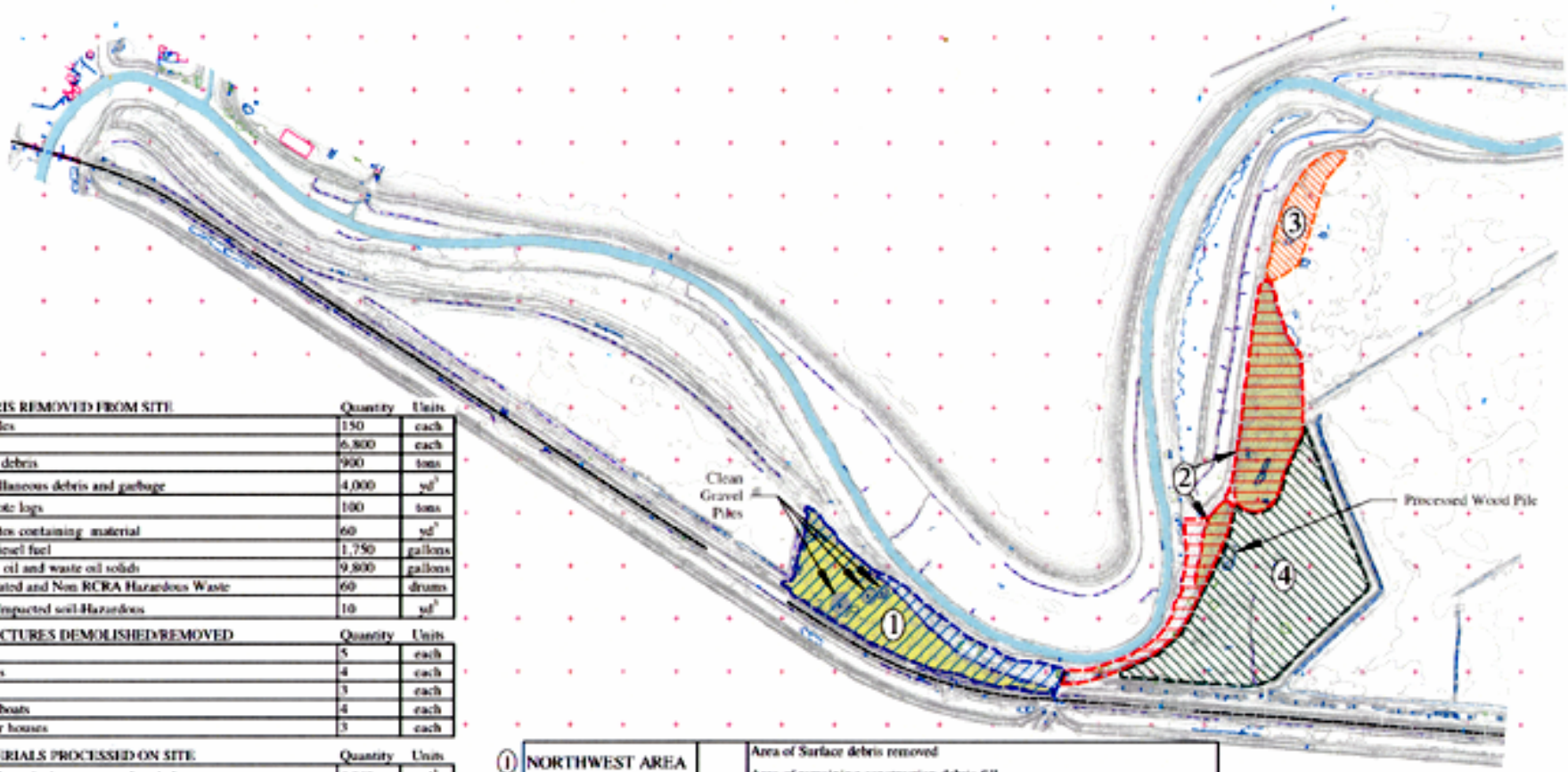


| DEBRIS REMOVED FROM SITE | Quantity | Units |
|---|---|---|
| Vehicles | 150 | each |
| Tires | 6,800 | each |
| Metal debris | 900 | tons |
| Miscellaneous debris and garbage | 4,000 | $yd^3$ |
| Creosote logs | 100 | tons |
| Asbestos containing material | 60 | $yd^3$ |
| Gas/diesel fuel | 1,750 | gallons |
| Waste oil and waste oil solids | 9,800 | gallons |
| Regulated and Non RCRA Hazardous Waste | 60 | drums |
| Lead Impacted soil-Hazardous | 10 | $yd^3$ |

| STRUCTURES DEMOLISHED/REMOVED | Quantity | Units |
|---|---|---|
| Barns | 5 | each |
| Houses | 4 | each |
| Sheds | 3 | each |
| Houseboats | 4 | each |
| Trailer houses | 3 | each |

| MATERIALS PROCESSED ON SITE | Quantity | Units |
|---|---|---|
| Gravel-crushed concrete and asphalt | 4,060 | $yd^3$ |
| Wood-shredded | 2,000 | $yd^3$ |
| Soil excavated, 5% deleterious material removed, replaced | 10,000 | $yd^3$ |

| MATERIALS REMAINING ON SITE AS FILL | Quantity | Units |
|---|---|---|
| Construction debris as fill in the northwest Area | 39,000 | $yd^3$ |
| Construction debris as fill in the Levee Area | 42,000 | $yd^3$ |

| | | | |
|---|---|---|---|
| 1 | NORTHWEST AREA | | Area of Surface debris removed<br>Area of remaining construction debris fill |
| 2 | LEVEE AREA | | Area of Surface debris removed<br>Area of remaining construction debris fill |
| 3 | BURN AREA | | Area of clean fill only; Surface debris removed |
| 4 | FARMYARD AREA | | No Fill Area; Surface debris, abandoned vehicles and structures removed |

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**Bisso Ranch Property**
Sonoma, California
Supplement to Site Remediation Completion Report
Western Gravel Company

Approximate Scale in feet
0 500

**Figure 1**

Site Layout