ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510)567-6700 FAX (510)337-9335 cc:458

February 5, 1996
StID # 5551

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Jack Garcia
Goodwill Industries of Greater East Bay, Inc.
1301 Thirtieth Ave.
Oakland CA 94601

Re: Goodwill Industries, 1301 Thirtieth Ave., Oakland 94601

Dear Mr. Garcia:

This letter confirms the completion of site investigation and remedial action for the seven underground tanks at the above described location; four (4)- virgin motor oil, two (2)-gasoline and one (1)-waste oil.

Based upon the available information and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the undeground tank release is required.

This notice is issued pursuant to the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Jun Makishima
Acting Agency Director

c: G. Coleman, Acting Chief, Hazardous Materials Division-files
Kevin Graves, RWQCB
Mike Harper, SWRCB
RACC1301

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: November 27, 1995

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700
Responsible staff person: Barney Chan Title: Haz. Materials Specialist

II. CASE INFORMATION

Site facility name: Goodwill Industries of the Greater East Bay, Inc.
Site facility address: 1301 Thirtieth Avenue, Oakland, CA 94601
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 5551
URF filing date: 6/3/92 SWEEPS No: N/A

Responsible Parties:	Addresses:	Phone Numbers:
Mr. Jack Garcia c/o Goodwill Industries,	3101 30th Ave., Oakland,CA 94601	(510)534-6666

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	1100	motor oil	removed	07/06/1995
2	1100	motor oil	removed	07/06/1995
3	600	motor oil	removed	07/06/1995
4	600	motor oil	removed	07/06/1995
5	10000	gasoline	removed	09/01/1995
6	10000	gasoline	removed	09/01/1995
7	550	waste oil	removed	09/01/1995

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: suspected leak-holes observed in bottom of tank # 4.
Site characterization complete? YES
Date approved by oversight agency;
Monitoring Wells installed? Number:
Proper screened interval? N/A
Highest GW depth below ground surface: N/A Lowest depth: N/A
Flow direction:
Most sensitive current use: undetermined
Are drinking water wells affected? NO Aquifer name: N/A
Is surface water affected? NO Nearest affected SW name: N/A
Off-site beneficial use impacts (addresses/locations): N/A

Report(s) on file? YES Where is report(s) filed? Alameda County
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment or Disposal w/destination)	Date
Tank	2-1100gal motor oil	disposal/Erickson,Richmond CA	7/6/95
Tank	2-600gal motor oil	disposal/Erickson,Richmond CA	7/6/95
Tank	2-10000gal gasoline	disposal/Erickson,Richmond CA	9/1/95
Tank	1-550gal waste oil	disposal/Erickson,Richmond CA	9/1/95
Piping*			
Free Product			
Soil	234 cubic yards	disposal/BFI Vasco Road	8/2-3/95 9/15/95
	136.43 tons	Treatment/Decon Environmental	7/27/95
Groundwater			
Barrels			
Tank rinsate			

***Product piping capped and left in place.**

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppb) Before	Water (ppb) After
TPH (Gas)	1.9***	2.5**	NA	NA
TPH (Diesel)	NA	NA	NA	NA
Benzene	<0.005*	0.013**	NA	NA
Toluene	0.053*	0.0099**	NA	NA
Ethylbenzene	1.1*	0.001**	NA	NA
Xylenes	0.92*	0.025[1]	NA	NA
Oil & Grease	20,000	1500[2]	NA	NA
Heavy metals- Ni	65	65	NA	NA
Zn	53	53	NA	NA
Cr	38	38	NA	NA
Cd	<0.25	<0.25	NA	NA
Pb	19	19	NA	NA
Other - organic lead	NA	NA	NA	NA

***This concentration was detected for sample P-6, a soil sample collected from beneath the gasoline piping run.

**These concentrations were detected for sample B-2, a soil sample collected at 16' bgs during overexcavation of virgin motor oil tank pit.

*These concentrations were detected for sample DSP-1, a soil sample collected from the stockpiled soils from the gasoline UST excavation.

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[1]This concentration was detected for sample P-3, collected from the piping trench.

[2]This concentration was detected for sample P-1 ,collected from the piping trench.

Comments (Depth of Remediation, etc.):

On July 6, 1995, two (2) 1100-gallon and two (2) 600-gallon virgin motor oil underground storage tanks were removed (Decon Environmental Services, Inc.). Samples taken from below the ends of the four tanks (six samples in total) were analyzed for oil and grease (5520E&F). Soil samples #1, #4 and #5 detected 770 mg/kg, 1500mg/kg and 81 mg/kg total oil and grease, respectively. Soil samples 2, 3 and 6 had non-detectable concentrations of oil and grease (<50 mg/kg). Five soil samples collected from the stockpiled soil (CSP-1, P-1, P-2, P-3 and P-4) also contained detectable concentrations of oil and grease (310 mg/kg, 860 mg/kg, 20,000 mg/kg, 3100 mg/kg and 18,000 mg/kg), respectively. (See Figure 1)

On July 27, 1995 a soil over-excavation was performed on the tank pit which previously held the two 1100-gallon product motor oil tanks and the two 600-gallon product motor oil tanks. Soils were overexcavated in the areas of soil samples # 1 and #4. Confirmation soil sample B-1 had detectable concentrations of oil and grease (710 mg/kg), but was not analyzed for BTEX. Confirmation soil sample B-2 had non-detectable concentrations of oil and grease, but had detectable concentrations of TPHg (2,500 ug/kg), benzene (13 ug/kg), toluene (9.9 ug/kg), ethyl benzene (10 ug/kg) and non-detectable levels of total xylenes. (See Figure 2)

On September 1, 1995, two (2) 10,000-gallon gasoline and one (1) 550-gallon waste oil storage tanks were removed (Decon Environmental Services). Four soil samples (NE-1, NW-1, SE-1 and SW-1) were collected from the ends of the two 10,000-gallon gasoline underground storage tanks, at the NE (at 13'10" bgs), NW (at 14' bgs), SE (at 13' bgs) and SW (at 14'4" bgs) corners of the excavation pit, respectively. One (1) soil sample (WO-1) was collected from beneath the waste oil tank at a depth of 11.5' bgs. Five (5) soil samples were collected from the stockpiled soils (CSP-1, CSP-2, CSP-3 ,CSP-4 and CSP-5) associated with the gasoline USTs and one soil sample (WOSP-1) was collected from the stockpiled soils associated with the waste oil UST. In addition, a composite soil sample (DSP-1) was collected from the stockpiled soils located near the SE corner of the gasoline UST excavation. (See Figures 3 and 4)

Soil samples NE-1, NW-1, SE-1, SW-1, WO-1, CSP-1, CSP-2 CSP-4 and CSP-5 contained non-detectable concentrations of TPHg, BTEX and MTBE. Stockpiled soil sample CSP-3 detected 640 ug/kg-TPHg, 6.1 ug/kg-toluene, 7.1 ug/kg-ethylbenzene and 31 ug/kg-total xylenes. Stockpiled soil sample DSP-1 detected 63,000 ug/kg -TPHg, 53 ug/kg-toluene, 1,100 ug/kg-ethyl benzene and 920 ug/kg-total xylenes.

All stockpiled soils (excluding soils associated with soil sample DSP-1) were reintroduced into the excavation with prior approval of ACHCSA. The stockpiled soils associated with soil sample DSP-1 was profiled and disposed of at BFI-Vasco Road Landfill in Livermore, California.

On September 15, 1995, two (2) soil samples were collected below piping exposed at the previous excavation. Soil sample GP-1 was collected from

beneath the gasoline piping entering the gasoline tank pit excavation and soil sample WOP-1 was collected beneath the waste oil piping as it entered the waste oil tank pit excavation. Soil sample WOP-1 was found to contain non-detectable concentrations of oil and grease and soil sample (GP-1) was found to contain non-detectable concentrations of TPHg, BTEX and MTBE.

On September 28, 1995, soils beneath the piping associated with the gasoline fuel tank delivery lines and the virgin motor oil delivery lines were sampled. A total of twelve (12) soil samples were collected (P-1 through P-8, and P-10 through P-13) and analyzed for oil and grease (samples P-1, P-2, P-3, P-4 and P-13), TPHg, BTEX and MTBE (samples P-3, P-4, P-5, P-6, P-7, P-8, P-10, P-11 and P-12).

Soil samples P-1 and P-2 detected 1,500,000 ug/kg and 90,000 ug/kg-oil and grease, respectively. Soil sample P-6 detected 1,900 ug/kg-TPHg, and soil sample P-3 detected 25 ug/kg-total xylenes. All other soil samples were found to contain non-detectable concentrations of target analytes, TPHg, BTEX and TOG. (See Figure 5)

The piping was capped prior to backfilling the gasoline and waste oil excavations.

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **YES**
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **YES**
Does corrective action protect public health for current land use? **YES**
Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
Monitoring wells Decommissioned: **None**
Number Decommissioned: **N/A** Number Retained:
List enforcement actions taken:
List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Dale H. Klettke** Title: **Haz Mat Specialist**

Signature: Dale H. Klettke Date: 11/27/95

Reviewed by

Name: **Barney Chan** Title: **Haz Mat Specialist**

Signature: Barney Chan Date: 11/27/95

Name: **Eva Chu** Title: **Haz Mat Specialist**

Signature: Eva Chu Date: 11/28/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: RB Response:

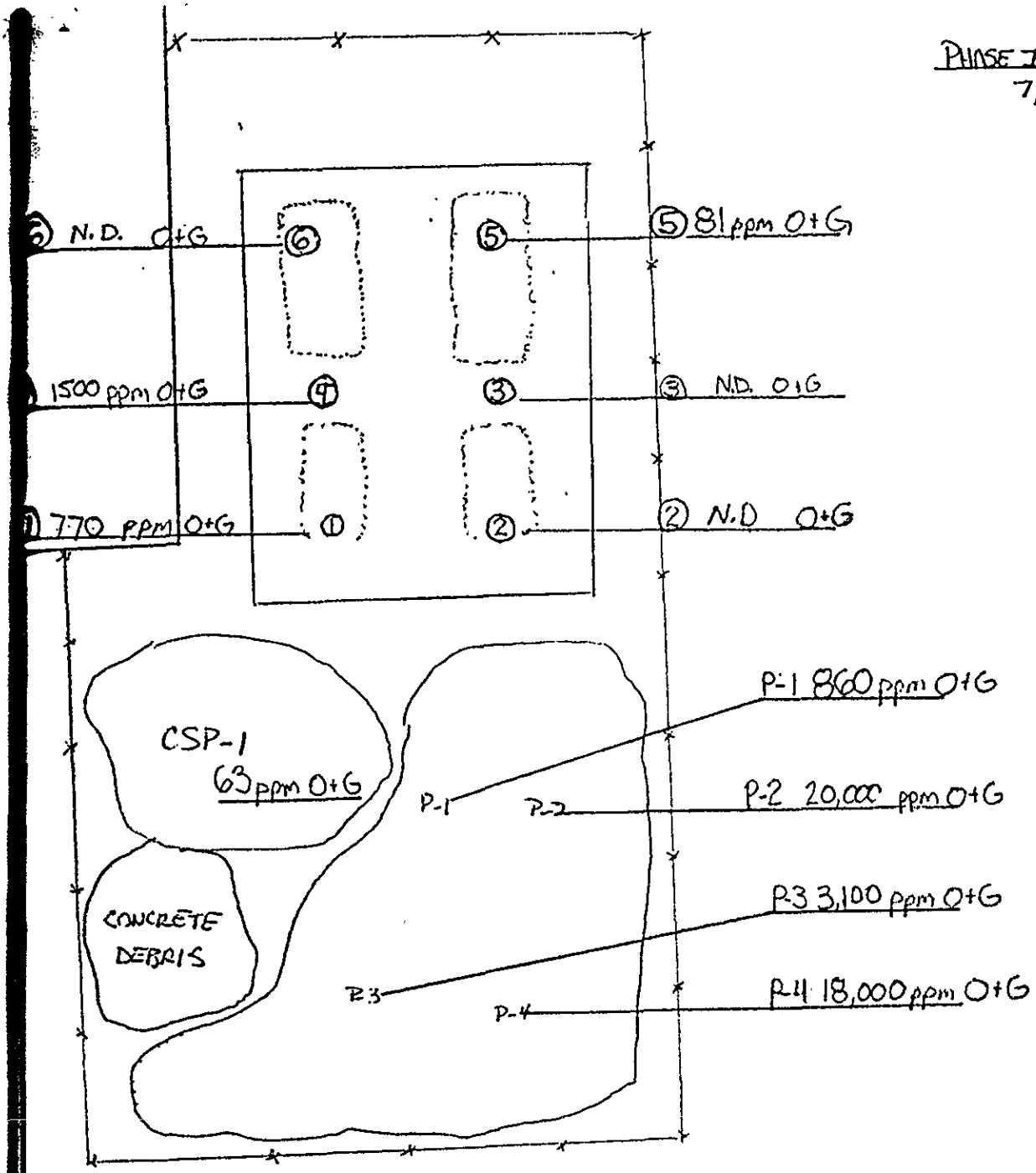
RWQCB Staff Name: **Kevin Graves** Title: **AWRCE**

Signature: Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

Seven (7) USTs were removed at this site from three (3) tank pits. Four virgin motor oil tanks, one waste oil tank and two gasoline tanks were originally located in these three tank pits. Soil samples collected from beneath the waste oil UST and the 2-10,000 gallon gasoline USTs were found to contain non-detectable concentrations of TPHg and oil & grease. Soil samples were collected approximately every twenty (20) linear feet from beneath the piping delivery lines for the gasoline and virgin motor oil tanks. Of the twelve (12) discrete soil samples taken from the piping run, only four (4) samples detected concentrations of TPHg, oil & grease and total xylenes, whereas no BTE or MTBE was detected. Soil samples P-1 and P-2 detected oil & grease at concentrations of 1500 ppm and 90 ppm, respectively. Soil sample P-3 detected 25 ppb of total xylenes, and soil sample P-6 detected 1.9 ppm-TPH gasoline. The only significant petroleum release detected was from beneath the virgin oil USTs. Residual oil & grease concentrations of 1500 ppm and low levels of TPHg and BTEX remain. Based on the limited amount of residual soil contamination and the limited migration potential and water solubility of oil and grease, a groundwater investigation is not recommended.

PHASE I SAMPLING
7/6/95



P-1 – 4 DISCREET SAMPLES.
DEPTHS OF SAMPLES NOTED ON CHAIN OF CUSTODY

FIG 1.
Four motor oil USTs removed on July 6, 1995

30th St.

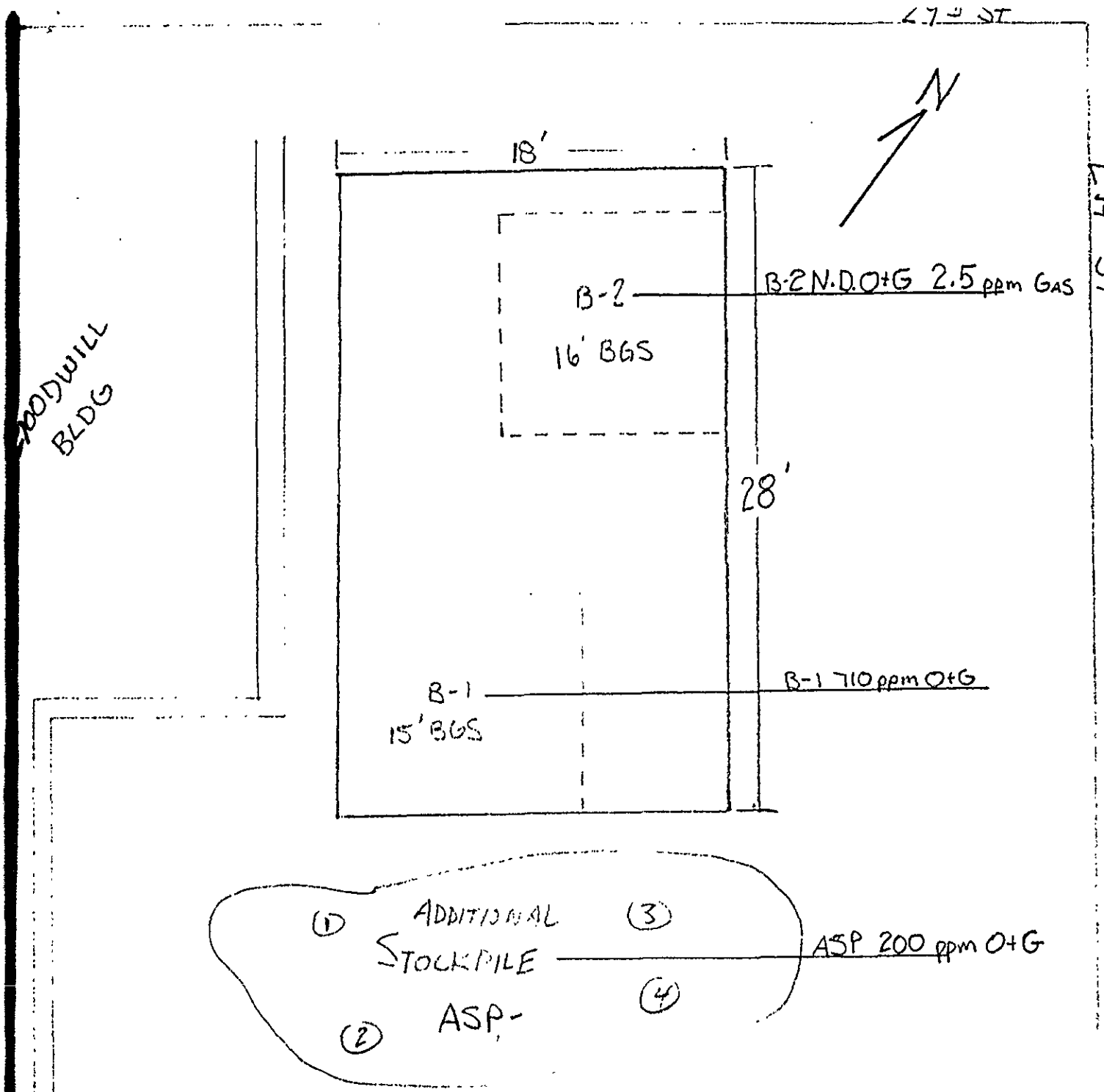


FIG. 2.

GOODWILL OVEREXCAVATION of former Motor oil USTs (4)
7-27-95

Sample Locations Per
B. Chan ACDEH

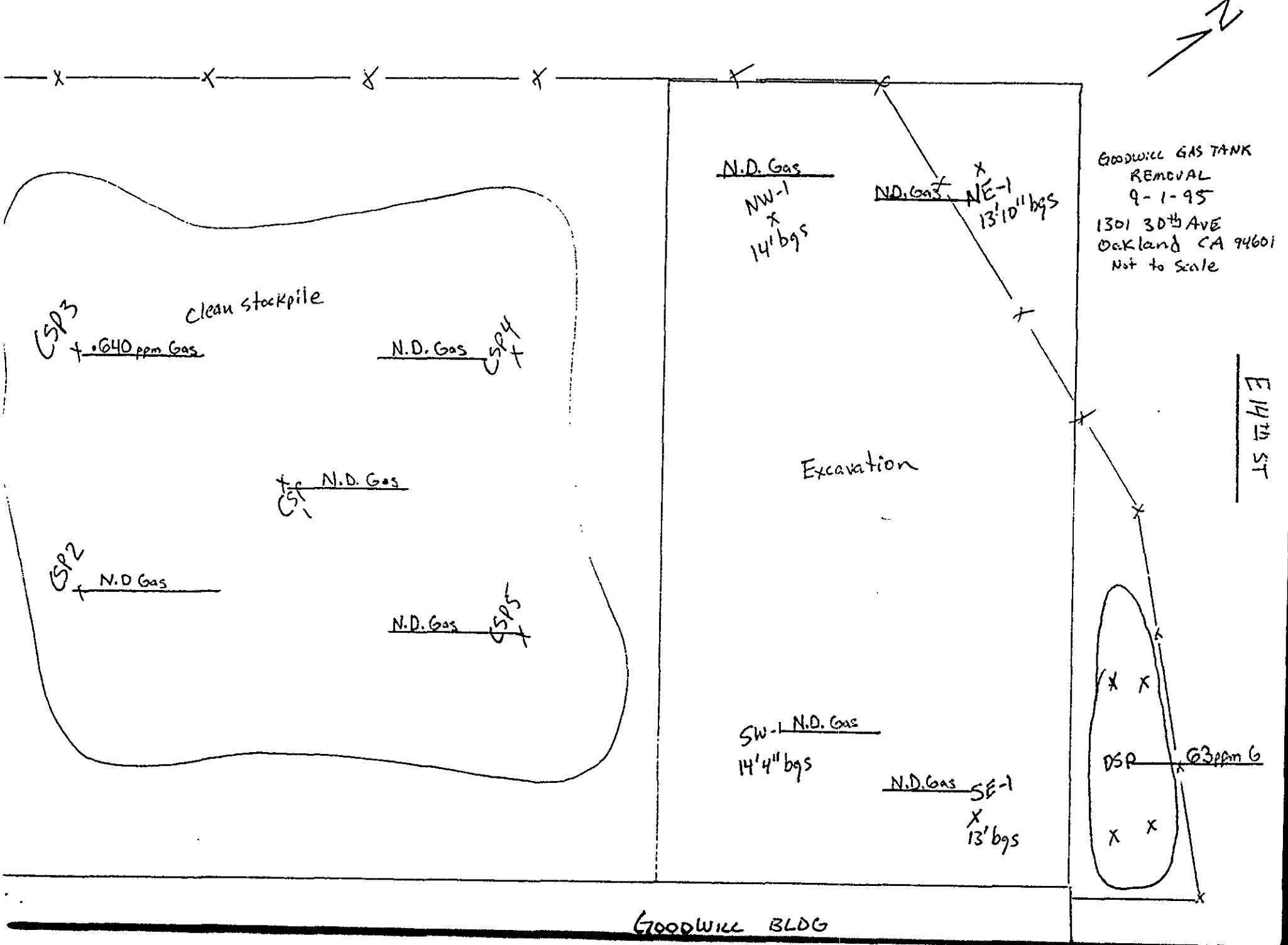


FIG 3. Soil Sampling at gasoline UST excavation

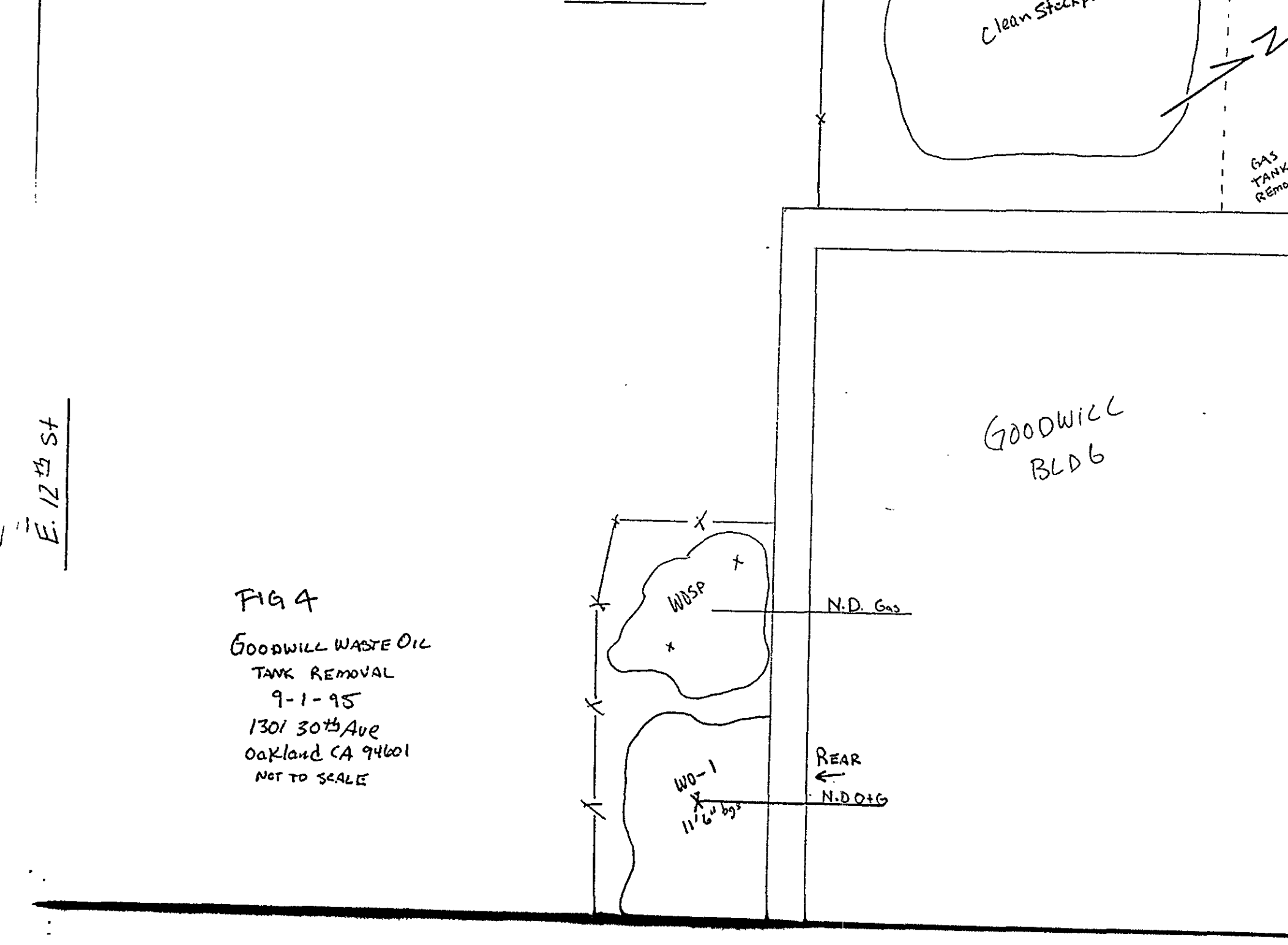
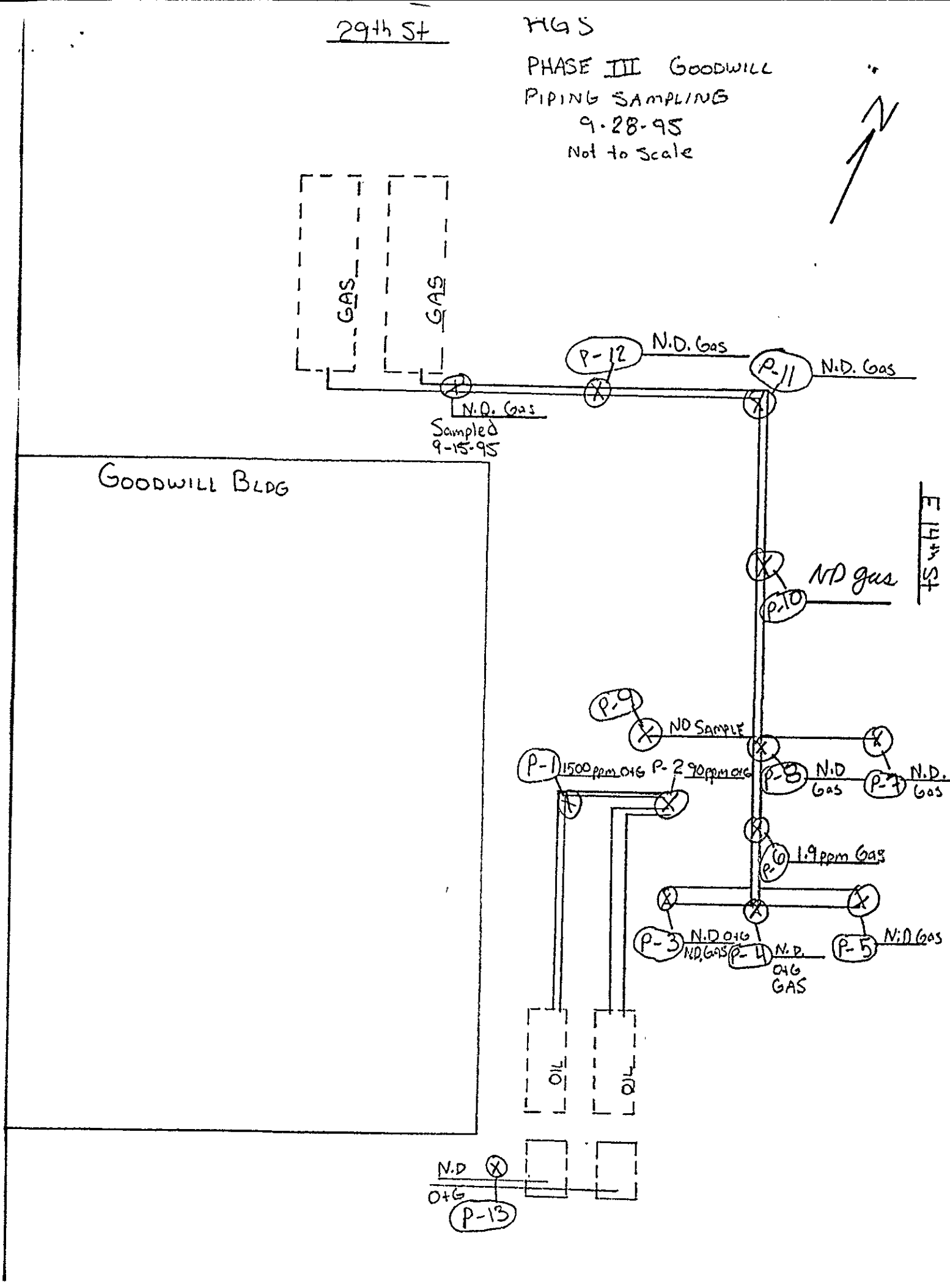


FIG 4

GOODWILL WASTE OIL
TANK REMOVAL
9-1-95
1301 30th Ave
Oakland CA 94601
NOT TO SCALE


29th St
HGS
PHASE III GOODWILL
PIPING SAMPLING
9-28-95
Not to Scale
N
GAS
GAS
P-12
N.D. Gas
P-11
N.D. Gas
N.D. Gas
Sampled
9-15-95
GOODWILL BLDG
E 14th St
ND gas
P-10
P-9
ND SAMPLE
P-1 1500 ppm O+G
P-2 90 ppm O+G
P-8
N.D
Gas
P-7
N.D.
Gas
P-6
1.9 ppm Gas
P-3
N.D O+G
N.D. GAS
P-4
N.D.
O+G
GAS
P-5
N.D Gas
OIL
OIL
N.D
O+G
P-13