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Alameda County
Environmental Health

FACSIMILE COVER SHEET

DATE: 6-26-99
(GR #)

TO: TINA BERRY FAX: 925-277-2361

COMPANY: TOSCO

RE: SS # 1871 AC MacARTHUR, OAKLAND

FROM: DOUG LEE

PHONE: (510) 551-7555 Ext.
FAX: (510) 551-7888

COMMENTS: VOLUME CALCULATIONS FOR OVEREXCAVATION AT THE SUBJECT SITE. GIVE ME A CALL IF YOU HAVE QUESTIONS.

2 pages including cover

FILE #	<u>1871</u>	SS	<input checked="" type="checkbox"/>	BP	<input type="checkbox"/>
RPT	<input type="checkbox"/>	QM	<input type="checkbox"/>	TRANSMITTAL	<input type="checkbox"/>
1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>
4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>		

If there are any problems with this transmission, please call (510) 551-7555

 Hardcopy to follow

INITIAL TANK PIT EXCAVATION: FUEL TANK PIT = $\frac{38' \times 25' \times 13.5'}{27} = 475 - 2 \text{ TANK}(60) = 355 \text{ yd}^3$

WASTE OIL TANK PIT = $\frac{8' \times 9' \times 13'}{27} \approx 34.5 - 2.5 = 32 \text{ yd}^3$

PIPING TRENCHES = $\frac{38' \times 4' \times 4'}{27} \approx 23 \text{ yd}^3$

2 HOISTS = $\frac{2[5' \times 5' \times 85']}{27} = 15 \text{ yd}^3$

TOTAL INITIAL EXCAVATION:
 $355 + 32 + 23 + 15 = 425 \text{ yd}^3$

OVEREXCAVATION:

WASTE OIL TANK PIT:
 $\frac{2.5' \times 8' \times 13'}{27} = 10 \text{ yd}^3$

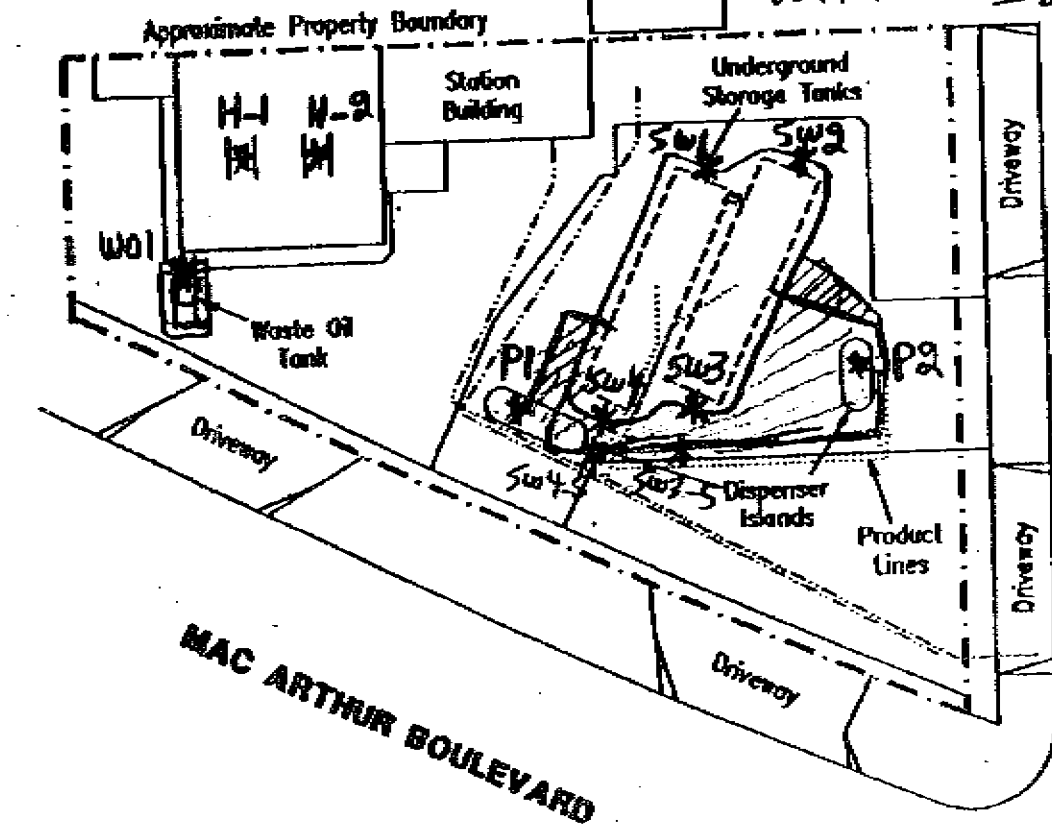
FUEL TANK PIT:
 $\frac{46' \times 5' \times 13.5'}{27} = 115 \text{ yd}^3$
 $+\frac{18' \times 21' \times 13.5'}{27} = 189 \text{ yd}^3$

DISPENSER AREA:

$\frac{2[15' \times 5' \times 5']}{27} = 28 \text{ yd}^3$

PRODUCT PIPING AREA:

$\frac{15' \times 8' \times 5'}{27} \approx 24 \text{ yd}^3$



TOTAL OVEREXCAVATION:
 $10 + 115 + 189 + 28 + 24 = 366 \text{ yd}^3$

