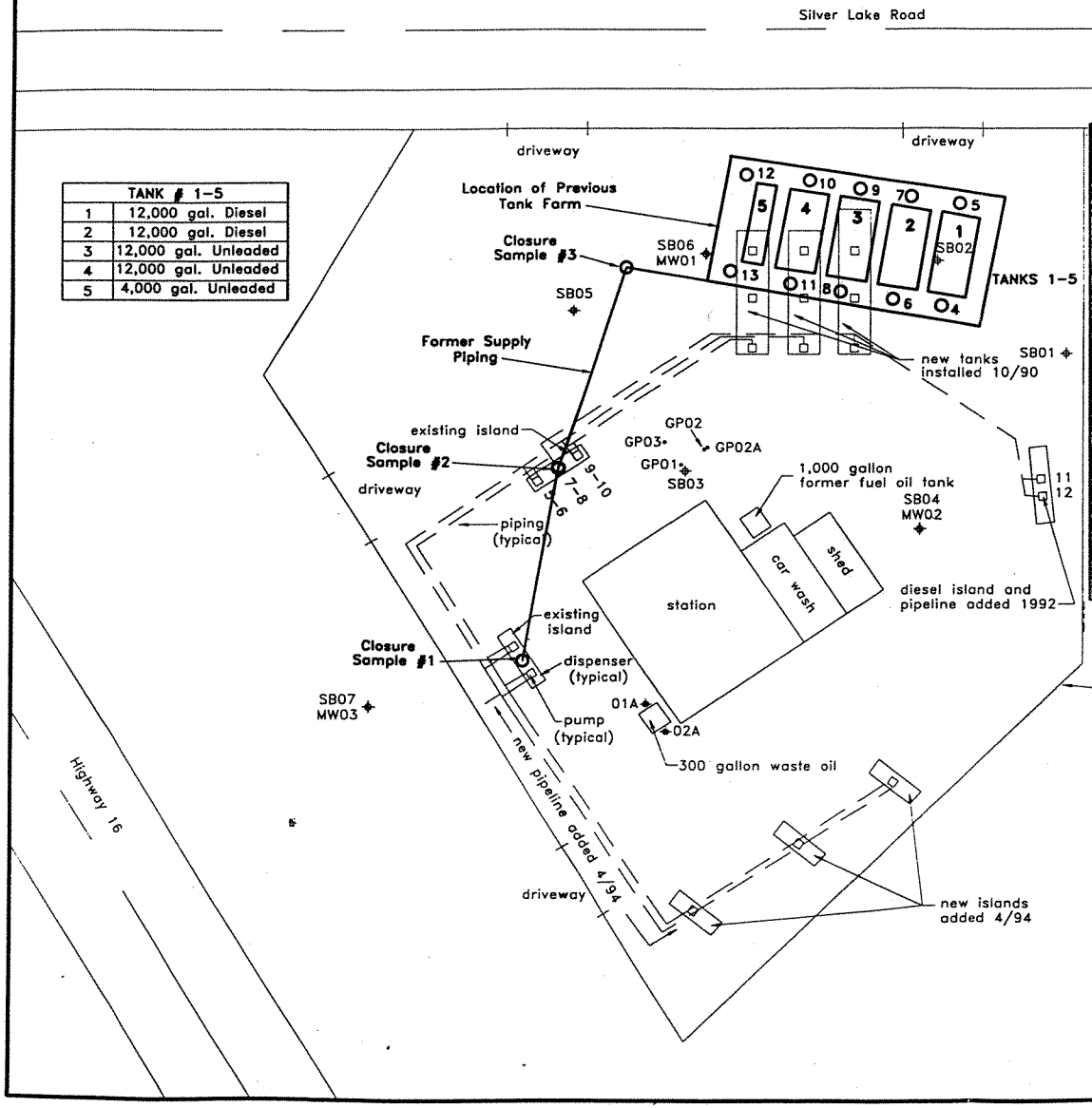


TANK # 1-5	
1	12,000 gal. Diesel
2	12,000 gal. Diesel
3	12,000 gal. Unleaded
4	12,000 gal. Unleaded
5	4,000 gal. Unleaded

Crawford Oil Company - Jim's 76 Service
Tank Excavation Soil Samples
and
Analytical Results Summary
Modified California Method TPH

Soil Sample Number	Sample Location	Depth of Sample (ft.)*bgs	Laboratory Analysis				
			Benzene (µg/kg)	Ethylbenzene (µg/kg)	Toluene (µg/kg)	Xylenes (µg/kg)	TPH (mg/kg)
SS#1	Dispenser #2	2.5	--	--	--	--	<5
SS#2	Dispenser #1	2.5	--	--	--	--	<5
SS#3	20 feet West of Tank, Below Supply Pipe	2.0	--	--	--	--	<5
SS#4	SSouth of Tank #1	12.5	--	--	--	--	49.8 (diesel)
SS#5	North of Tank #1	12.5	--	--	--	--	13.5 (diesel)
SS#6	South of Tank #2	13.0	--	--	--	--	<5
SS#7	North of Tank #2	13.0	--	--	--	--	<5
SS#8	South of Tank #3	13.0	--	--	--	--	<5
SS#9	North of Tank #3	13.0	ND (30)	147	ND (1.0)*	6234.0	177.9 (diesel)
SS#10	North of Tank #4	13.0	ND (30)	ND (30)	ND (30)	ND (100)	ND (5.0)
SS#11	South of Tank #4	13.0	ND (30)	ND (30)	ND (30)	ND (100)	24.2 (diesel)
SS#12	Junction of North Wall and Base Tank #5	8.0	--	--	--	--	101.6 (diesel)
SS#13	Junction of South Wall and Base Tank #5	8.0	--	--	--	--	ND (5.0)
01A	West end drain oil tank	7.0	--	--	--	--	ND(10.0)
02A	East end drain oil tank	7.0	--	--	--	--	ND(10.0)

mg/kg = parts per million
ND = not detected above method detection limits (detection limit given in parentheses)
-- = sample not tested for indicated parameter
*bgs = below ground surface
µg/l = parts per billion

TANK REMOVAL CLOSURE SAMPLES

Jim's 76 (Crawford Oil Company)

2219 W. Wisconsin Avenue

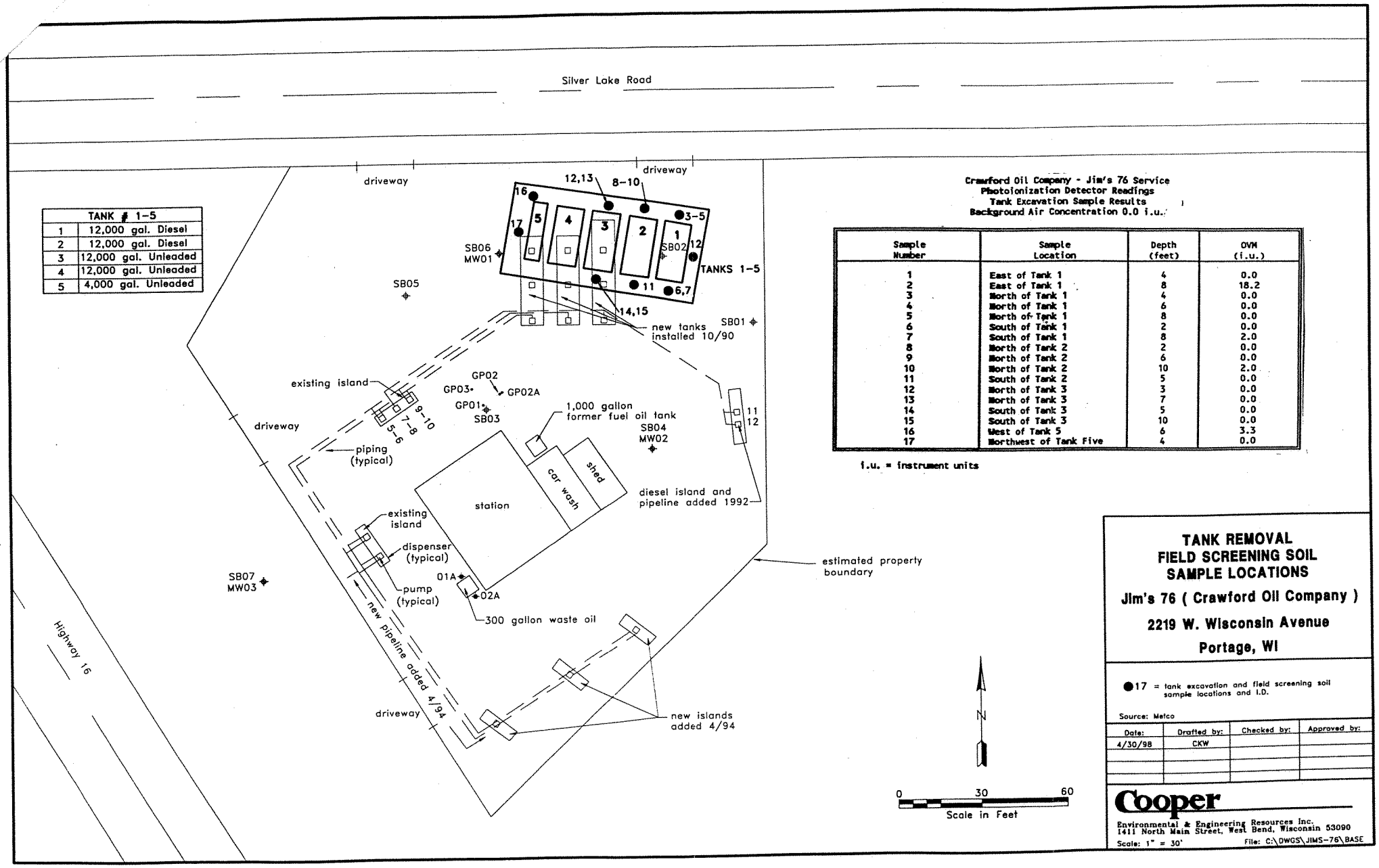
Portage, WI

O12 = tank excavation closure soil sample locations and I.D.

Source: Melco

Date:	Drafted by:	Checked by:	Approved by:
4/30/98	CKW		

Cooper
Environmental & Engineering Resources Inc.
1411 North Main Street, West Bend, Wisconsin 53090
Scale: 1" = 30'
File: C:\DWGS\JIMS-76\BASE



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2	12,000 gal. Diesel
3	12,000 gal. Unleaded
4	12,000 gal. Unleaded
5	4,000 gal. Unleaded

Crawford Oil Company - Jim's 76 Service
Photoionization Detector Readings
Tank Excavation Sample Results
Background Air Concentration 0.0 i.u.

Sample Number	Sample Location	Depth (feet)	OVM (i.u.)
1	East of Tank 1	4	0.0
2	East of Tank 1	8	18.2
3	North of Tank 1	4	0.0
4	North of Tank 1	6	0.0
5	North of Tank 1	8	0.0
6	South of Tank 1	2	0.0
7	South of Tank 1	8	2.0
8	North of Tank 2	2	0.0
9	North of Tank 2	6	0.0
10	North of Tank 2	10	2.0
11	South of Tank 2	5	0.0
12	North of Tank 3	3	0.0
13	North of Tank 3	7	0.0
14	South of Tank 3	5	0.0
15	South of Tank 3	10	0.0
16	West of Tank 5	6	3.3
17	Northwest of Tank Five	4	0.0

i.u. = instrument units

TANK REMOVAL FIELD SCREENING SOIL SAMPLE LOCATIONS

Jim's 76 (Crawford Oil Company)

2219 W. Wisconsin Avenue

Portage, WI

●17 = tank excavation and field screening soil sample locations and I.D.

Source: Metco

Date:	Drafted by:	Checked by:	Approved by:
4/30/98	CKW		

Cooper

Environmental & Engineering Resources Inc.
1411 North Main Street, West Bend, Wisconsin 53090

Scale: 1" = 30'

File: C:\DWGS\JIMS-76\BASE