NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION

SITE INVESTIGATION INFORMATION

375479

1. SITE NAME B.C.F. Oil Refinery Facility	2. SITE NUMBER	3. TOWN/CITY/VILLAGE Southside, Brooklyn, New York	4. COUNTY Kings

5. REGION 2	6. CLASSIFICATION CURRENT PROPOSED 2 MODIFY

7. LOCATION OF SITE (Attach NYSDOT 7.5 minute Topographic Map showing site location)

a. Quadrangle Brooklyn
b. Site Latitude 40 ° 42 ' 30 " Site Longitude 73 ° 55 ' 00 "
c. Tax Map Numbers Block No. 2924, Lot No. 110
d. Site Street Address: 360 Maspeth Ave., Brooklyn, NY 11211

8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations): The site is located within an urban industrialized area of Southside, Brooklyn, Zoning M3-1. Maspeth Ave. borders the site on the north, Newtown Creek on the south, and two gasoline and petroleum distribution facilities on the east and west. The total area is 1.9 acres (257'x410'), of which 0.3 acre is water surface, 0.8 acre is unvegetated soil, and 0.8 acre either paved or covered with gravel surfaces. On 0.8 acre there are 7 abandoned buildings, four 110,000 gal tanks in a diked area, two 25,000 gal tanks, fifteen 20,000 gal buried tanks and the associated piping. The site is approximately 6 feet above the mean sea level. The nearest surface water body is English Kill/Newtown Creek tributary to the East River. The property was registered in 1986 with USEPA as a large quantity generator and transporter of hazardous waste under the name of Calleia Bros. Co., the previous owner. In 1994 oil products contaminated with Polychlorinated Byphenils (PCBs) Aroclor 1242, Aroclor 1254, Aroclor 1260 and halogenated solvents, were identified in 19 out of 21 tanks and in the associated piping. The refining facility has been closed since that time. There are also thirty 55gal drums filled with sludge from the petroleum refining process on the site.

a. Area 1.9 acres b. EPA ID Number NYD980647283 C. Completed (X) Phase I ( ) Phase II ( ) PSA ( ) RI/FS ( ) PA/SI (X) Other

9. Hazardous Waste Disposed (Include EPA Hazardous Waste Numbers): Ignitable materials - thirty 55gal drums, twenty one tanks, and in the groundwater as floating products (D001); slop oil emulsion solids from petroleum refining industry - thirty drums, the bottom of twenty one tanks (K049); separator sludge from the petroleum refining industry - the bottom of the tanks and the drums (K051), (K052); PCB contaminated (Aroclor 1242, 1254 and 1260) oil products in nineteen out of the twenty one tanks (B002); halogenated solvents -part of the material in the tanks (F025).

10. ANALYTICAL DATA AVAILABLE

a. ( ) Air (X) Groundwater ( ) Surface Water ( ) Sediment (X) Soil (X) Waste ( ) Leachate ( ) EPTox ( ) TCLP
b. Contravention of Standards or Guidance Values: thirty 55gall drums filled with petroleum refining wastes; the groundwater contains 1,200 ppb benzene/500ppb hazardous waste threshold (in M-5), based on TCLP table in Part 371, 1ppb GA standards TOGS 1.1.1; all the tanks except #9 and # 10, and the pipes contain PCB contaminated oil products: total volume of products in the tanks is 597,680gal, NAPL 359,182gal, aqueous volume 72,887gal, sludge/solids volume 171,495gal. Estimated volume of PCB contaminated oil products in the tanks is 557,680gal with PCB concentrations between 1ppm and 520ppm.

11. CONCLUSION
The integrity of the USTs is unknown.
The ASTs are rusting and may be leaking into the soil.
The ASTs secondary containment presents cracks and it will not contain a spill.
The 21 tanks on the site show signs of fatigue and it is a risk that the 557,680gal of PCB contaminated oil products could spill, which poses a significant threat to the environment and to the aquatic life in the Newtown Creek.
The site should be listed as Class 2 in the NYS Registry of Inactive Hazardous Waste Disposal Sites.

12. SITE IMPACT DATA

a. Nearest Surface Water: Distance 0 ft.	Direction East	Classification SD
b. Nearest Groundwater: Depth 6 ft.	Flow Direction South	( ) Sole Source (X) Primary ( ) Principal
c. Nearest Water Supply: Distance 8 Miles	Direction East	Active ( ) Yes (X) No
d. Nearest Building: Distance 0 ft.	Direction -	Use -

e. In State Economic Development Zone?	( )Y	(X)N	i. Controlled Site Access?	(X)Y	( )N
f. Crops or livestock on site?	( )Y	(X)N	j. Exposed hazardous waste?	(X)Y	( )N
g. Documented fish or wildlife mortality?	( )Y	(X)N	k. HRS Score N/A		
h. Impact on special status fish or wildlife resource?	( )Y	(X)N	l. For Class 2: Priority Category 1		

13. SITE OWNER'S NAME Salvatore Cortese, President B.C.F. Oil Refining, Inc., 360 Maspeth Ave. Brooklyn NY	14. ADDRESS B.C.F. Oil Refining, Inc., 360 Maspeth Ave. Brooklyn NY11211	15. TELEPHONE NUMBER (718) 387-8300

16. PREPARER	17. APPROVED
Signature Ioana Munteanu-Ramnic Date 01/12/2000	Signature Thomas D. Lang Date 1/12/2000
Ioana Munteanu-Ramnic EE1, NYS DEC DER DHWR	Thomas Lang, Regional Engineer NYS DEC DER Region 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
Inactive Hazardous Waste Disposal Report

Site Name: **B.C.F. Oil Refining Inc.** Site Code:
Class Code: **2** Region: **2** County: **Kings** EPA Id: **NYD980647283**
Address: **360 Maspeth Ave., Southside** City: **Brooklyn** Zip: **11211**
Latitude: **40° 42' 30"** Longitude: **73° 55' 00"**
Site Type: **Structure** Estimated Size: **1.9** Acres

Site Owner / Operator Information:
Current Owner(s) Name: **Salvatore Cortese, president of B.C.F. Oil Rerfinery, Inc.**
Current Owner(s) Address: **360 Maspeth, Southside, Brooklyn, NY 11211**
Owner(s) during disposal: **Same**
Operator(s) during disposal: **Same**
Stated Operator(s) Address: **See "Current Owner(s) Address" above.**
Hazardous Waste Disposal Period: From **Unknown** To **Unknown**

Site Description: **The site is located within an urban industrialized area of Southside, Brooklyn, Zoning M3-1. Maspeth Ave. borders the site on the north, Newtown Creek on the south, and two gasoline and petroleum distribution facilities on the east and west. The total area is 1.9 acres (257'x410'), of which 0.3 acre is water surface, 0.8 acre is unvegetated soil, and 0.8 acre either paved or covered with gravel surfaces. On 0.8 acre there are 7 abandoned buildings, four 110,000 gal tanks in a diked area, two 25,000 gal tanks, fifteen 20,000 gal buried tanks and the associated piping. The site is approximately 6 feet above the mean sea level. The nearest surface water body is English Kill/Newtown Creek tributary to the East River. The property was registered in 1986 with USEPA as a large quantity generator and transporter of hazardous waste under the name of Calleia Bros. Co., the previous owner. In 1994 oil products contaminated with Polychlorinated Byphenils (PCBs) Aroclor 1242, Aroclor 1254, Aroclor 1260 and halogenated solvents, were identified in 19 out of 21 tanks and in the associated piping. The refining facility has been closed since that time. There are also thirty 55gal drums filled with sludge from the petroleum refining process on the site.**

The Project Scoping Plan summarize the results of the Site Investigation and emphasizes the need for a Supplemental Site Assessment (SSA) to delineate the plume of groundwater contamination with benzene and the possible extend of soil contamination with PAH. A Work Plan for SSA should be prepared.

The integrity of the USTs is unknown.
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The ASTs secondary containment presents cracks and it will not contain a spill.
The 21 tanks on the site show signs of fatigue and it is a risk that the 557,680gal of PCB contaminated oil products could spill, which poses a significant threat to the environment and to the aquatic life in the Newtown Creek.
The site should be listed as Class 2 in the NYS Registry of Inactive Hazardous Waste Disposal Sites.

Confirmed Hazardous Waste Disposal: **In the USTs and ASTs** Quantity: **557,680 gal PCB contaminated waste oil products**
D001, K049, K051, K052,F025, B002
In the thirty 55gal drums and in the groundwater
D001, K049, K051, K052 **Unknown**

Analytical Data Available for: **Soil, Groundwater**
Applicable Standards Exceeded in: **Soil, Groundwater**

Geotechnical Information: Depth to
Soil/Rock Type: **Morainal Deposits, Clay of Raritan Formation** Groundwater: **6 feet**

Legal Action: Type: **Consent Order** Status:
Remedial Action: Nature of action:

Assessment of Environmental Problems:
The integrity of the USTs is unknown.
The ASTs are rusting and may be leaking into the soil.
The ASTs secondary containment presents cracks and it will not contain a spill.
The 21 tanks on the site show signs of fatigue and it is a risk that the 557,680gal of PCB contaminated oil products could spill, which poses a significant threat to the environment and to the aquatic life in the Newtown Creek.

Assessment of Health Problems:

APPENDIX 3

NEW YORK STATE DEPARTMENTS OF ENVIRONMENTAL CONSERVATION AND HEALTH
INACTIVE HAZARDOUS WASTE DISPOSAL SITE PRIORITY RANKING WORKSHEET

SITE I.D. _____ SITE NAME B.C.F. Oil Refining, Inc.

Priority I - Sites for which remediation should supersede all other Class 2 sites. Priority I can be assigned if any one of the following questions can be answered affirmatively.

a) Has a public or private water supply which is currently in use been contaminated or threatened?..... [ ]
b) Has human exposure to contaminants (or the potential for exposure) been identified which represents a significant health risk as determined by DOH?..... [ ]
c) Has bioaccumulation of site contaminants in flora or fauna resulted in a health advisory?..... [ ]
d) Are site contaminants present at levels that are acutely toxic to fish or wildlife or that have caused documented fish or wildlife mortality?..... [ ]
e) Is there a potentially responsible party or volunteer ready, willing and able to proceed with remediation?..... [✓]

[✓] (1) [If 1 or more boxes are checked, check this box]

- Priority II - Important Sites. Priority II will be assigned if any of the following questions can be answered affirmatively.

a) Has a Class A or AA surface water body or a primary or principal aquifer been contaminated or threatened without contaminating or threatening an existing water supply?..... [✓]
b) Has bioaccumulation of site contaminants in flora or fauna resulted in actionable levels (but not a health advisory)?.... [ ]
c) Are contaminants at levels chronically toxic to fish/wildlife?..... [ ]
d) Have endangered, threatened or rare species, significant habitats, designated coastal zone or regulated wetlands been impacted by releases from the site?..... [ ]

[ ] (2) [If 1 or more boxes are checked, check this box]

- Priority III - will be assigned unless one or more of the site prioritization criteria, specified above, apply to a site. After remedial needs for Priority I and II sites have been accommodated, remediation of sites under this category can be considered. If priority III, check box 3. [ ] (3)

Enter the number of the priority box checked 1, 2, or 3 here..... [2] (4)
This is the site's priority rank.

FACTORS

IJC Factor - If the site has been identified by the International Joint Commission (IJC) as a component in a remedial action plan, subtract (1) from the value in box 4 and enter the result in box 5..... [ ] (5)

EDZ Factor - If the site is within a New York State designated Economic Development Zone (EDZ) should this fact cause the site priority to be raised?.. Yes [ ] No [ ]

Community Support Factor - If the site has been targeted for local government-supported development, should this fact cause the site priority to be raised?..... Yes [ ] No [ ]

If either "yes" box is checked, subtract 1 from the value in box 4 and enter the result into box 6. If "no" is checked, the value in box 5 equals box 4 (or box 5 if applicable). If both IJC and EDZ/Community Support factors apply, only 1 (not 2) will be subtracted form the value in box 4. The resultant value in box 6 will never be less than 1..... [ ] (6)

IRM NOTE: Should this site be considered a candidate for an Interim Remedial Measure (IRM) as defined by 6NYCRR Part 375-1.3n?..... Yes [✓] N [ ]

If "yes", please explain why: Presence of free floating products was observed at the groundwater table in . Floating products should be removed by IRM to reduce the probability of the off-site migrationof the contamir

Preparer: Ioana Muntean-Ponic Date 11/01/000

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CLASSIFICATION WORKSHEET

Site: B.C.F. Oil Refining, Inc. County: Kings Region 2

1. Hazardous waste disposed? [✓] Y (to 2) [ ] N (Stop) [ ] U (Stop)
2. Consequential amount of hazardous waste? [✓] Y (to 3) [ ] N (Stop) [ ] U (Stop)
3. Part 375-1.4(a)(1) applies? [ ] N (to 4) [✓] U (to 4)
   [ ] Y (as checked below; Class 2; to 5)

[ ] a. endangered or threatened species
[ ] b. streams, wetlands or coastal zone
[ ] c. bioaccumulation
[ ] d. fish, shellfish, crustacea or wildlife
[ ] e. fire, spill, explosion or toxic reaction
[ ] f. proximity to people or water supplies

4. Part 375-1.4(a)(2) applies? [ ] N (Cl 3; Stop) [ ] U (Cl 2a; Stop)
   [✓] Y (Class 2; to 5)

This site contains considerable amounts of ignitable hazardous waste materials (D001) and petroleum waste products from refining industry (K049, K051, K052), PCBs (F025) and halogenated solvents (B002) which present a significant threat for the environment.

5. Factor(s) considered in making this determination:

The site has contaminated a sole-source aquifer without endangering a water supply. The possibility of site impact on the Newtown Creek and consequently on East River can not be eliminated at this time. High concentrations of benzene in the groundwater, and petroleum products in the soil may pose an exposure risk: this will be determined by NYSDOH.

SUMMARY

Consequential Hazardous Waste [✓] Yes [ ] No [ ] Unknown

Significant Threat [✓] Yes [ ] No [ ] Unknown

Proposed Classification 2 Site Number NYD 980647283

01 10 2000
Date

Ioana Munteanu-Romanz E.E. I
Signature and Title

CLASSIFICATION WORKSHEET

Site: B.C.F. Oil Refining, Inc.
360 . Maspeth Ave., Brooklyn, NY 11211 County: Kings Region: 2

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1. Hazardous waste disposed? [X] Y (to 2) [ ] N (Stop) [ ] U (Stop)

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2. Consequential amount of hazardous waste? [X] Y (to 3) [ ] N (Stop) [ ] U (Stop)

---

3. Part 375-1.4(a)(1) applies? [ ] N (to 4) [X] U (to 4)
[ ] Y (as checked below; Class 2; to 5)

[ ] a. endangered or threatened species
[ ] b. streams, wetlands or coastal zone
[ ] c. bioaccumulation
[ ] d. fish, shellfish, crustacea or wildlife
[ ] e. fire, spill, explosion or toxic reaction
[ ] f. proximity to people or water supplies

---

4. Part 375-1.4(a)(2) applies? [ ] N (Cl 3; Stop) [ ] U (Cl 2a; Stop)
[X] Y (Class 2; to 5)

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5. Factor(s) considered in making this determination:

d. Nature of Soils: The soils beneath the site consist of urban fill, sand, silt, glacial (clayey) till, and some gravel.

g. Level of Contaminants: benzene @ 1,200 ppb in groundwater
-> hazardous waste threshold is 500 ppb (Part 371)
-> Class GA standard is 1 ppb (TOGS 1.1.1)

j. Proximity of the Site: The site is underlain by an EPA-designated sole-source aquifer (Jameco aquifer).

k. Aquatic Life Exposure: The site is adjacent to the Newtown Creek. The contaminants in the groundwater are discharging to the canal, which is considered to be a potential nursery for immature fish and shellfish by the Bureaus of Habitat and Marine Resources within the Division of Fish, Wildlife, and Marine Resources.

SUMMARY

Consequential Hazardous Waste [X] Yes [ ] No [ ] Unknown

Significant Threat [X] Yes [ ] No [ ] Unknown

Proposed Classification: 2 Site Number: NYD 980647283

Signature:
Preparer: Ioana Munteanu-Ramirez

Date: 12/28/1999
Title: Environmental Engineer I

Map Reference
NYSDOT 7.5 minute series
Brooklyn Quadrangle, Rev. 1975

Figure 1 – Location Map

RUST

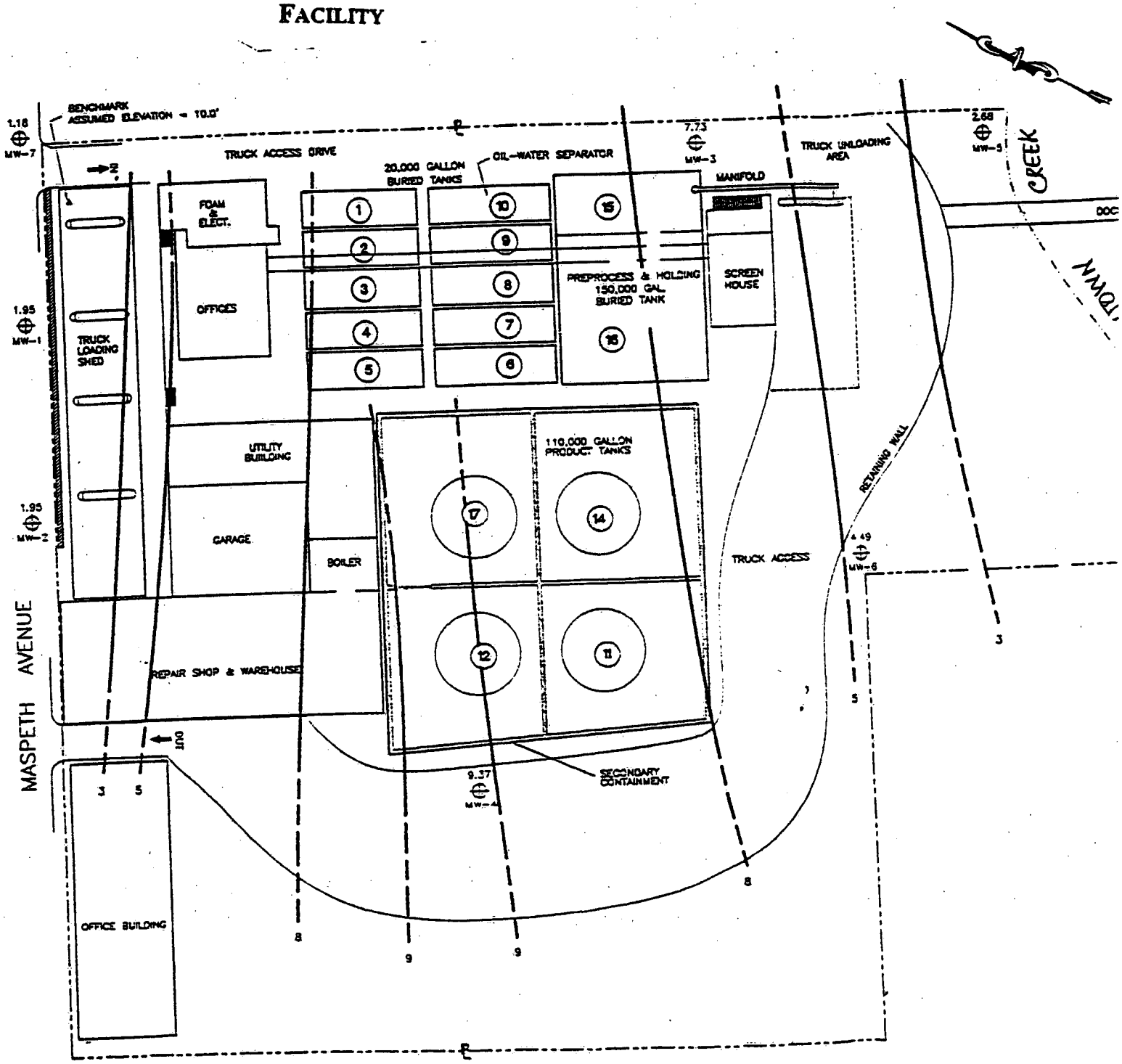
Rust Environment & Infrastructure Inc.

B.C.F. OIL REFINING FACILITY
360 MASPETH AVENUE
BROOKLYN, NEW YORK 11211

Table 87-Fig 1

June 2, 1998

B.C.F. Oil Refining Facility



NOT AT SCALE

Table 1
Estimated Waste Quantities
BCF Oil Refining, Inc.
Brooklyn, New York

TANKS U.S.T. #	Tank Volume (gall)	Estimated total Product (gall)	Oil (NAPL) Volume (gall)	Aqueous Volume (gall)	Sludge/Solids Volume (gall)	Sludge/Solids Weight (lb)
1	20,000	18,392	1,260	11,460	5,672	72,037
2	20,000	19,602	8,500	2,300	8,802	111,790
3	20,000	19,506	7,260	3,360	8,886	112,857
4	20,000	19,771	5,740	1,120	12,911	163,977
5	20,000	11,468	8,820	8,532	0	0
6	20,000	16,961	4,060	380	12,521	159,023
7	20,000	14,741	6,820	1,120	6,801	86,376
8	20,000	16,961	760	3,760	12,441	158,007
No PCB 9	20,000	18,392	2,060	7,980	8,352	106,075
in U.S.T. 10	20,000	13,011	3,680	9,000	331	4,204
11	110,000	86,795	86,795	0	0	0
12	110,000	83,768	83,768	0	0	0
14	110,000	72,329	72,329	0	0	0
15a	20,000	19,082	0	5,680	13,402	170,208
16 15b	20,000	19,102	4,620	0	14,482	183,924
17 15c	20,000	19,202	0	6,440	12,762	162,080
18 15d	20,000	19,182	3,280	3,860	12,042	152,935
19 15e	20,000	17,601	240	3,520	13,841	175,794
20 16a	25,000	17375	500	2,250	14,625	185,745
21 16b	25,000	17,250	1,500	2,125	13,625	173,045
17 (old #13)	110,000	57,190	57,190	0	0	0
	190,000	597,680	359,182	72,887	171,495	2,178,078

150,000 gal

1 x 150.000 gal UST is devided in 15a, 15b, 15c, 15d, 15e, 16a, 1

	gallons	gallons	gallons	gallons	lbs
TCSA Vol (> 50 < 500 ppm)	293,468	267,472	14,192	17,688	224,647

Assumptions:

1. Tanks 15a - 15e are each equal volume subsections of 100,000 gallon tank (21.29'x62.8'x10' deep).
2. Tanks 16a and 16b are equal subsections of 50,000 gallon tank (10 feet deep).
3. Sludge unit weight assumed to be 95 lb/cf.
4. TSCA volume estimates assume that any sludge or water layer in a tank containing TSCA regulated oil would itself be TSCA regulated.

VOLUME AND PCB CONCENTRATION BY TANK

B.C.F. OIL REFINERY
BROOKLYN, NEW YORK

TANK	TYPE	MAX CAPACITY (gallons)	VOLUME CONTENTS (gallons)	VOLUME SOLIDS (gallons)	VOLUME WATER (gallons)	VOLUME OIL (gallons)	PCB 8/3/94 ppm	CONC 4/95 ppm[1]
1	UST	20,000	17,313	0	16,813	500	10	7
2	UST	20,000	19,613	0	19,413	200	120	99
3	UST	20,000	16,168	8,987	0	7,181	29	42
4	UST	20,000	13,642	9,212	0	4,430	2	13
5	UST	20,000	12,450	0	0	12,450	130	116
6	UST	20,000	18,073	13,384	0	4,689	31	29
7	UST	20,000	17,678	8,080	0	9,598	48	30
8	UST	20,000	19,599	14,976	0	4,623	9	3
9	UST	20,000	14,807	10,389	0	4,418	2	0
10	UST	20,000	0	0	0	100	6	0
11	VERT	110,000	81,217	6,000	0	75,217	630	294
12	VERT	110,000	78,324	6,000	0	72,324	150	106
14	VERT	110,000	70,133	6,000	0	64,133	460	198
15	UST	35,000	31,171	26,500	0	4,671	1	0
16	UST	150,000	86,330	86,330	0	0	8	4
17	VERT	110,000	55,816	6,000	0	49,816	10	7
		825,000	552,334	201,858	36,226	314,350		

[1]The April 1995 series of tests had a questionable sampling methodology.

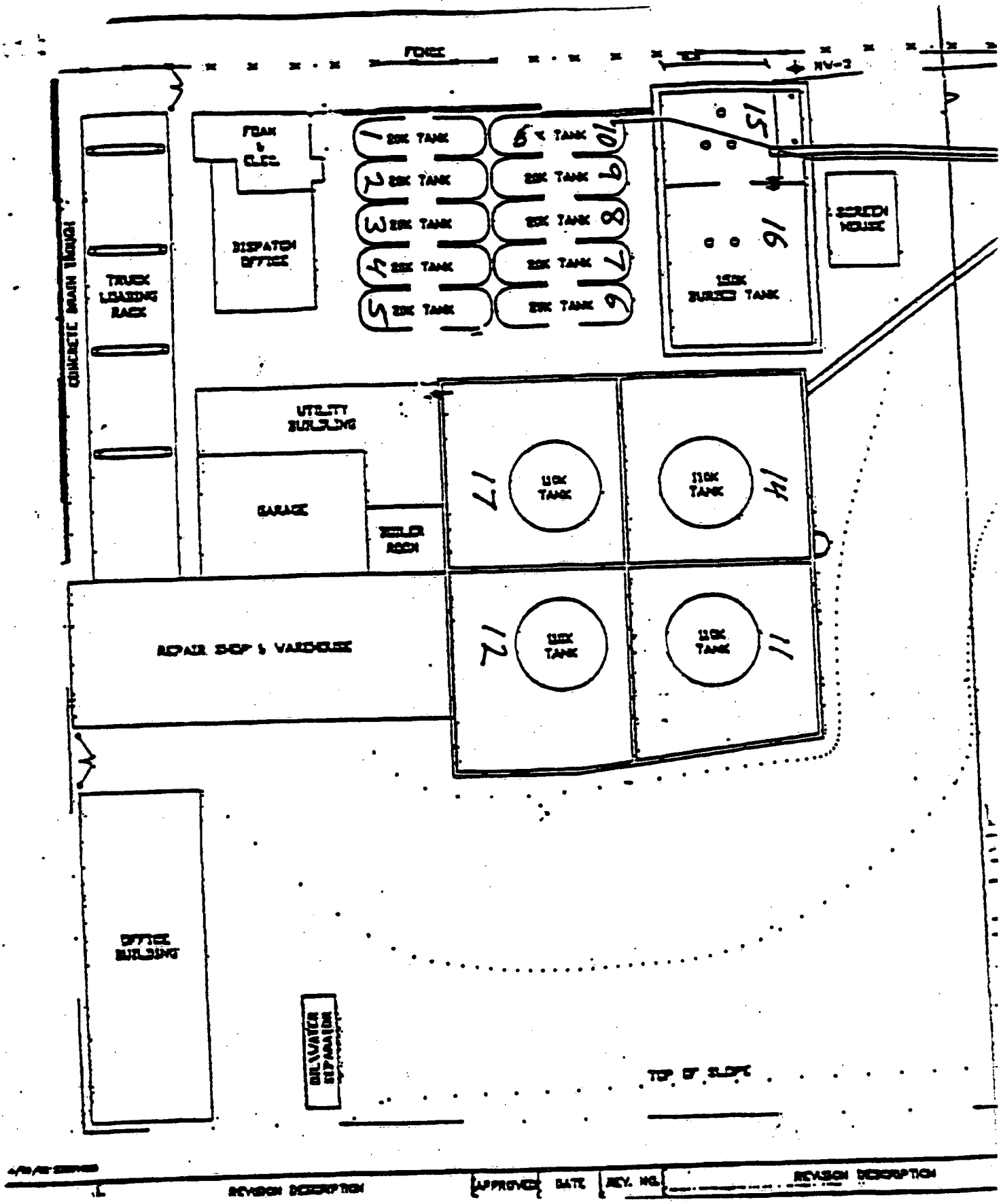
All results reported in ug/kg (ppb).
< Not Detected
BDL Below Detection Limit

Table 1
BCF Oil Refining
Soil/Groundwater/Product Results

M.W.

	SB-01 11-12'	SB-02 2-4	SB-02 6-7	SB-03 6-7	SB-04 5-7	SB-05 6-7	SB-05 12-13'	SB-06 6-9'	MW-1 OIL	MW-4 WATER	MW-5 WATER	MW-7 WATER
Volatiles (SW-846 8021)												
1,2,4-trimethylbenzene	<5	65	<500	<1300	<25	400	350	<1000		<5	200	33
1,3,5-trimethylbenzene	<5	43	<500	8400	<25	<250	<250	<1000		<5	110	<10
Benzene	<5	25	<500	<1300	<25	<250	<250	<1000		37	1200	540
Ethylbenzene	<5	61	<500	<1300	<25	<250	<250	<1000		<5	230	180
Isopropylbenzene	<5	93	1300	7200	<25	<250	<250	9000		10	80	150
n-Butylbenzene	<5	33	4400	21000	<25	1200	590	16000		<5	<50	<10
n-Propylbenzene	<5	180	4800	31000	<25	<250	<250	28000		12	240	70
Napthalene	<5	46	570	16000	26	930	<250	2700		<5	<50	200
o- Xylene	<5	34	<500	<1300	<25	<250	<250	<1000		<5	<50	26
p&m- Xylene	<5	190	640	3000	<25	<250	<250	<1000		9	220	20
p Isopropyltoluene	<5	<25	<500	2800	<25	<250	<250	1700		<5	<50	<10
sec-Butylbenzene	<5	<25	1800	5700	38	420	<250	6300		<5	<50	<10
Toluene	<5	49	1300	<1300	<25	500	530	2300		180	100	18
MTBE	BDL20	<20	<100	BDL 2500	<20	BDL 250	<50	<200		<5	<50	BDL5
STARS PAHs (SW-846 8270)												
acenaphthene	<330		2200	5300	<330	<1650	470	1800		<8	<8	<10
anthracene	<330		3400	13000	<330	2400	<330	1700		<8	<8	<10
benzo (a) anthracene	500		5400	18000	1500	5500	<330	1300		<31	<31	<37
benzo (a) pyrene	470		3200	5900	1500	4200	<330	930		<10	<10	<12
benzo (b) fluoranthene	590		3800	11000	1600	4800	<330	1100		<19	<19	<23
benzo (ghi) perylene	<330		1100	220	1100	<1650	<330	<330		<10	<10	<12
benzo (k) fluoranthene	<330		2200	2700	760	<1650	<330	<330		<10	<10	<12
chrysene	460		3000	12000	1600	5700	<330	1500		<10	<10	<12
dibenzo (a,h) anthracene	<330		<330	830	<330	<1650	<330	<330		<10	<10	<12
fluoranthene	470		6900	28000	1500	3100	<330	2100		<8	<8	<10
fluorene	<330		3000	610	<330	2700	630	2200		<8	<8	<10
indeno (1,2,3-cd) pyrene	<330		1400	2300	990	<1650	<330	490		<10	<10	<12
naphthalene	<330		<330	1300	<330	4300	<330	<330		<6	<6	<7
phenanthrene	790		13000	55000	1700	12000	1600	8500		<22	<22	<25
pyrene	450		5800	20000	1200	5600	440	2100		<8	<8	<10
PCBs (SW-846 8082)												
Aroclor 1016	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1221	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1232	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1242	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1248	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1254	<80		570	1600	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1260	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1262	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1
Aroclor 1268	<80		<160	<400	<80	<80	<80	<80	<1000	<1	<1	<1

Fig



REVISION DESCRIPTION	APPROVED	DATE	REV. NO.	REVISION DESCRIPTION

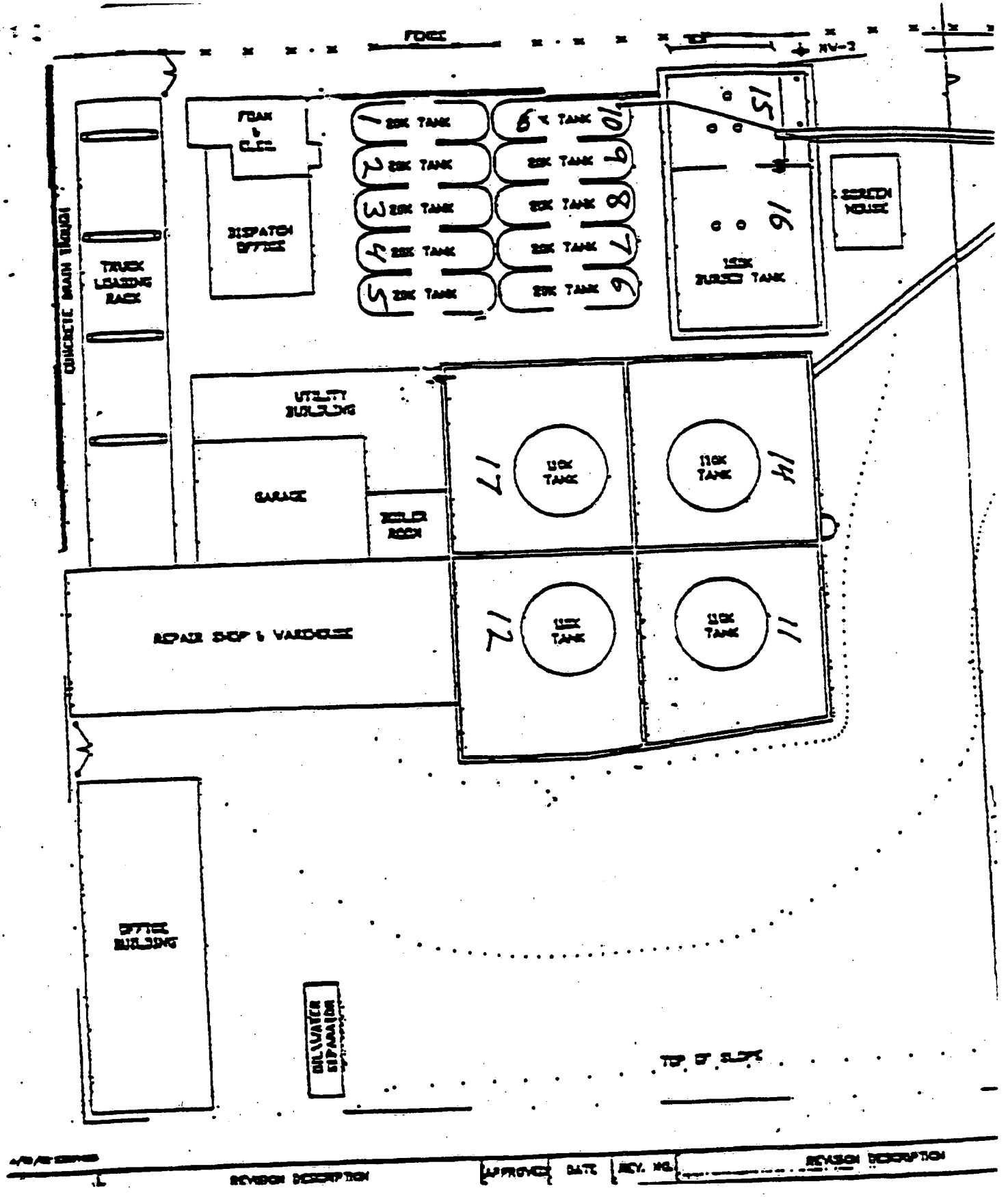
: to Scale

N

VOLUME AND PCB CONCENTRATION BY TANK

B.C.F. OIL REFINERY
BROOKLYN, NEW YORK

TANK	TYPE	MAX. CAPACITY (gallons)	VOL. CONTENTS (gallons)	VOL. SOLIDS (gallons)	VOL. WATER (gallons)	VOL. OIL (gallons)	4/95 CONC. PCB (ppm)
1	UST	20,000	17,313	0	16,813	500	7
2	UST	20,000	19,613	0	19,413	200	99
3	UST	20,000	16,168	8,987	0	7,181	42
4	UST	20,000	13,642	9,212	0	4,430	13
5	UST	20,000	12,450	0	0	12,450	116
6	UST	20,000	18,073	13,384	0	4,689	29
7	UST	20,000	17,678	8,080	0	9,598	30
8	UST	20,000	19,599	14,976	0	4,623	3
9	UST	20,000	14,807	10,389	0	4,418	0
10	UST	20,000	NA	NA	NA	100	0
11	VERT	110,000	81,217	6,000	0	75,217	294
12	VERT	110,000	78,324	6,000	0	72,324	106
14	VERT	110,000	70,133	6,000	0	64,133	198
15	UST	35,000	31,171	26,500	0	4,671	1
16	UST	150,000	86,330	86,330	0	0	4
17	VERT	110,000	55,816	6,000	0	49,816	7
			552,334	**201,858**	**36,226**	**314,350**	


FENCE
NV-2
FOAM & CLEAN
DISPATCH OFFICE
TRUCK LOADING RACK
CONCRETE MAIN TRENCH
1 20K TANK
2 20K TANK
3 20K TANK
4 20K TANK
5 20K TANK
6 20K TANK
7 20K TANK
8 20K TANK
9 20K TANK
10 20K TANK
15
16
150K SURGE TANK
SCREEN HOUSE
UTILITY BUILDING
GARAGE
BOILER ROOM
17
110K TANK
14
110K TANK
REPAIR SHOP & WAREHOUSE
12
110K TANK
11
110K TANK
OFFICE BUILDING
OIL/WATER SEPARATOR
TOP OF SLOPE
REVISION DESCRIPTION
APPROVED
DATE
REV. NO.
REVISION DESCRIPTION

: to Scale

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