DESERT PETROLEUM INC.

Mr. Jerry Wickham
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November 28, 2011

RE: The following work plan revises the previously presented work plan regarding excavation of contaminated soils located at Former Desert Petroleum Site DP793", 4035 Park Blvd., Oakland, California 94602.

Dear Mr. Wickham:

I have reviewed the enclosed work plan that I contracted Western Geo-Engineers to prepare.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

Sincerely,

William E. Thompson, Pres. 11/30/11

William Thompson, Desert Petroleum, Inc. Date

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Mr. Jerry Wickham
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Environmental Protection
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November 23, 2011
(revision of September 24, 2008 revised work plan)

RE: Revision of the February 6, 2006 and revised September 24, 2008 Work Plans for site DP793 located at 4035 Park Blvd., Oakland, CA.

Dear Mr. Wickham:

INTRODUCTION

After review of the March 8, 2005 "Soil and Groundwater Investigation with Conceptual Model ", Alameda County Health requested the development of the February 2006 Work Plan that would detail the execution and completion of the following tasks 1) excavation and removal of benzene contaminated soils, 2) destruction of unnecessary monitor wells, 3) further definition of the TPHg plume west of Brighton Avenue along the sewer and storm drain system and 4) construction treatment compound along with an underground lateral from the new treatment compound to the receptor trench, to provide continuous pumping from trench wells T1 and T2. The tasks were designated as follows: 1) excavation and removal of benzene contaminated soils, 2) destruction of unnecessary monitor wells, 3) further definition of the TPHg plume west of Brighton Avenue along the sewer and storm drain system and 4) construction treatment compound along with an underground lateral from the new treatment compound to the receptor trench to provide continuous pumping from trench wells T1 and T2. This work plan was approved in the April 4, 2006 Alameda County Health directive.

Tasks 2, 3 and 4 have been completed, but due to high bid cost and encroachment agreements with the City of Oakland, Task 1 has been delayed. Encroachment agreements have been obtained and the necessary geotechnical investigations for the excavation will be finalized once this revised work plan for excavation work has been accepted by Alameda County Health.

Once this work plan has been approved, Mr. Jerry Wickham, Alameda County Environmental Health, has requested a timeline to start and complete the excavation work be signed by the Responsible Party (Desert Petroleum).

SITE LOCATION AND IDENTIFICATION NUMBERS

Former Desert Petroleum #793 is a non-active service station (USTs and associated piping removed June 23, 1994 and building demolished on April 9, 2003), located on the northwest corner of the intersection of Park Boulevard and Hampel Street at 4035 Park Blvd., Oakland, California (Figure 1). The site is located in projected section 32; T1S; R3W; MDB&M at an approximate elevation of 210 feet above mean sea level (Figure 2).

East Bay Municipal Utility District - Sewer Discharge Permit #50435501
Alameda County Local Oversight STID 1248 , Fuel Leak Case No. RO0000429
San Francisco Bay Regional Board (Region 2) Case # 01-0170
Facility/Leak Site ID# T0600100158

Table 1 is a tabulation of soil sample results.
Table 2 is the calculated amounts of clean overburden and contaminated soils to be excavated.

OVERVIEW OF REVISED WORK PLAN

This work plan is designed to show changes in Task 1, Remove (excavate) soils contaminated with benzene (gasoline range hydrocarbons) as defined in the March 8, 2005 “Soil and Groundwater Investigation with Conceptual Model”.

LOCAL GEOLOGY AND HYDROGEOLOGY OF THE SITE

Desert Petroleum site, DP793 is situated in the Coast Ranges Province of California. The Coast Ranges are a geomorphic province that trends north-northwesterly (30 - 40 degrees west of north), paralleling the Sierra Nevada, positioned east of the Pacific Ocean and west of the Great Valley Province.

The Hayward fault is the boundary between two distinctly different geologic and physiographic provinces: the hills on the east side of the fault and the flatlands on the west side of the fault.

The groundwater basins within the Coastal Ranges are predominately unconsolidated fine to coarse grained sediments deposited by streams draining the mountain ranges.

GEOMORPHOLOGY/GROUNDWATER OCCURRENCE

The site is located on the western slope of the Berkeley Hills. The Berkeley Hills are a northwest-southeast trending range within the Coastal Range Province of California. Erosion of the Coastal Ranges has filled the valleys within and bordering the Coastal Range with sequences of gravels, silts, sands, and clays. Groundwater in this area is contained within the "East Bay Plain". The East Bay Plain groundwater basin is composed of unconsolidated, fine to coarse grained sediments deposited by streams draining the Diablo Range. Regional tectonic events and sea level fluctuations, caused

by glaciation have subjected the East Bay Plain to alternating periods of marine inundation (fine sediments) and subaerial exposure (coarse sediments). A sequence of silts and clays (confining layers) and coarse-grained sediments (alluvial fans) have been deposited on top of relatively impermeable bedrock.

The area is relatively unstable, ie. plate boundary, faulting and the hills are predominately highly tilted Franciscan Assemblage, Great Valley Sequence and Miocene age sedimentary and igneous rock. During seasonal soil saturation, slump blocks and rockslides are common to the area.

Drinking water for Alameda County originates from the Sierra Nevada mountain range, but at one time the East Bay Plain was the main water supply. Currently the East Bay Plain supplies water for domestic irrigation and industrial purposes. The January 1994 Department of Water Resources Report "Ground Water Storage Capacity of a Portion of the East Bay Plain, Alameda County, California" indicates that about 2,560,000 acre-feet of groundwater is stored in the basin. Of this about 80,000 acre-feet can be safely used if water levels are maintained above sea level. The average thickness of the aquifer is approximately 50 feet, with depth to groundwater varying between 5 and 40 feet below land surface.

STRATIGRAPHY/GROUNDWATER OCCURRENCE

STATION PROPERTY

In areas that have not be previously excavated or brought to grade with rock fill, the native soil from surface to 11 feet below ground surface (BGS) consists of dark brown silty clay. The dark brown silty clay is underlain by light brown stiff clay that includes occasional sub-rounded to round metavolcanic and quartz gravel. This clay extends to approximately 17 feet BGS. First groundwater is found in this clayey formation between 5 and 16 feet BGS. Direct Push Core Holes (December 2004) were tested between 11 and 19 feet BGS for the occurrence of groundwater. Due to the low yield, the test holes had to be left open overnight to allow enough water to enter prior to obtaining samples. A conglomerate of brown, clayey gravels and sands extends from the base of the brown clay to approximately 33 feet BGS. The conglomerate is consolidated to semi consolidated. Direct Push Core Holes were tested for the presence of water between 24 and 30 feet BGS. Enough water entered the test hole within hours to obtain water samples. Firm brown clay underlies the conglomerate to 49.5 feet explored. Direct Push Core Holes were tested for the presence of water between 34 feet BGS and total depth. Due to low yield, these test holes were left open overnight to allow enough water entry to obtain samples, see Figures 3 (Onsite Sample Locations) and Figure 4 (Lithologic Onsite Cross Section).

BACKYARD SEWER LATERAL ROUTE

Assessments performed along the sewer lateral as it leaves the site and routes through the residential area towards Brighton Avenue show the subsurface to consist of fill from a couple of inches thick to two feet thick. Beneath the fill is a sequence of clay formations that vary from light brown to dark gray to approximately the 6 foot depth. Silty clay then extends to approximately the 14-foot depth. Beneath the silty clay is sand with occasional gravel (conglomerate). This sand is 11 feet thick at RS5 and is underlain by silty clay.

Hand augured borings were used to install temporary piezometers to perform "time recharge" slug tests of the shallow groundwater beneath the backyards near the sewer lateral route. These borings, B1, B2, B3, B4 and B5 were installed May 1996. Using the Bouwer and Rice Slug Test Model, hydraulic conductivity was calculated for each boring. Boring B4 did not produce enough water that day to perform the test. Depth to water measurements along with top of piezometer elevation level were used to determine gradient. The resulting groundwater velocities ranged from a low of 4.1 feet/year at BH1 to a high of 385 feet/year at BH5. Soil samples from these borings were analyzed for total organic carbon (TOC). Utilizing the TOC (340 - 5700 mg/Kg) amounts the retarded velocity for each borehole was then calculated for BTEX. Benzene in groundwater has a retarded velocity ranging from 2.98 feet/year at BH1 to a high of 70 feet/year at BH5, see July 3, 1996 Western Geo-Engineers report "Sewer Lateral Investigation Report Desert Petroleum Station #793, 4035 Park Boulevard, Oakland, CA."

BRIGHTON AVENUE

Construction of the receptor trench along the eastern curb area of Brighton Avenue revealed two separate sequences of lithology. North of the storm drain catch basin the sequence consists of; clay to the four foot depth, silty clay to the seven foot depth, fine silty sand to the 9 foot depth, medium sand to the 10 foot depth, silty clay to the 11 ½ foot depth, gravel to the 12 foot depth, underlain by clay to the 16 foot depth. South of the storm catch basin is a sequence of silty clays and clays to the 10 foot depth.

Sandier sequence of sediments north of the storm water catch basin at Brighton Avenue compared to the sediments south of the storm water catch basin, indicate a facies change or a fault remnant striking east/west near the storm drain catch basin. A topographic lineation along the 200 foot contour is located in this area, see Figure 2.

GROUNDWATER

Groundwater movement has been documented by depth to water measurements of the existing groundwater monitoring wells associated with this investigation, see Table 1. The groundwater flows west, northwest from the site towards the topographic low, receptor trench, along Brighton Avenue. During precipitation events infiltration to the area on site that has been over-excavated and then backfilled with pea gravel and road

base becomes a groundwater high. Pumping from on site well RS5 has created a depression, cone, at RS5 with influence out to down gradient wells RS8 and RS10.

WORK PLAN PROCEDURES (TASKS)

This work plan describes the amount of soil to be excavated, documentation sample locations, backfill materials and procedures and Health and Safety procedures and monitoring in completion of Task 1, remove (excavate) soils contaminated with benzene and (gasoline range hydrocarbons). The original cost to perform contaminated soil removal/disposal of approximately 1400 cubic yards of $470,000 ($200,000 for shoring) with a total cost to complete Tasks 1 and 4 at $580,500.00, was rejected as excessive by Desert Petroleum. A subsequent more focused excavation plan of approximately 750 cubic yards was then submitted to Desert Petroleum with a revised cost estimate of $176,000 (no shoring) for a total cost to complete Tasks 1 at $193,300. Geotechnical borings were performed within the area to be excavated in January 2011. Two soil samples were obtained from chemical analysis of TPHg, BTEX and MtBE. The results of these two soil samples indicated a reduction in residual contaminant levels, indicating that the excavation could be reduced even further than the previously proposed 750 cubic yards. The following describes the changes in the excavation plan, Task 1.

Task 1, remove (excavate) soils contaminated with benzene and gasoline range hydrocarbons that pose a risk to the environment as described in the *"November 2007, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, California Regional Water Quality Control Board – San Francisco Bay Region"*. With the removal of the source (residual soil contamination) advancing the chemicals of concern (COCs) TPHg, BTEX and MtBE to reach the California Water Quality Threshold Goals (Objectives) (WQO's). .

WQO's as listed below in ug/L.

COCs	MCL	Taste Odor	CA Public Health	WQO	
TPHg [X]CANCER SLOPE f	21[X]	5		5	
Benzene	1	170	0.15	0.15	
Toluene	150	42	150	42	
Ethylbenzene	300	29	32	29	
Xylenes	1750	17	1800	17	
MtBE	13	5	13	5	

TASK 1 - EXCAVATION/BACKFILL

The February 2006 Work Plan estimated that approximately 700 cubic yards of clean overburden (8 to 10 foot depth) needed to be removed and stockpiled on site prior to removal of gasoline contaminated soil. This has not changed. Monitor well RS05 was to

be destroyed and a dewatering well was to be placed at the extreme northwest corner of the excavation. Groundwater entering the excavation would be pumped to a 4000 gallon poly tank (allowing solids to settle) prior to being pumped to the water carbon treatment system for disposal to the sanitary sewer under East Bay Municipal Utility District Wastewater Discharge Permit No 50435501 which allows a continuous discharge of 3 gpm to sewer. Under this revised work plan dewatering of the excavation will utilize current pumping well RS05 instead of placing a new well at the northwest corner of the excavation. If RS05 is damaged during the excavation work, RS05 will be excavated removed (total borehole depth of RS05 is 40 feet). A replacement well will be placed at the RS05 location. The excavation will proceed from pumping well RS05 eastward from a total depth of 26 feet at RS05 eastward to the 24 foot depth at core boring C11, southeastern to the 22 foot depth at core boring C13 and south to the 24 foot depth at core boring C1, see Figure 5. With the use of sloping/benching shoring will not be necessary. The Geotechincal excavation report will specify the degree of sloping/benching that will be necessary. Confirmation soil samples will be obtained from the sidewalls and base of the excavation prior to any backfilling. The excavated contaminated soil will be stockpiled while the excavation/backfilling proceeds and covered with 6 mil plastic liner when not being added to. Once the excavation has been completed and backfilled this soil will be sampled for profiling and disposal. It is anticipated that the profile sample results will allow this soil to be disposed of at a Class II landfill. Once the excavation has been completed and if well RS05 was damaged and had to be removed a 4 inch PVC well (dewatering well - EX) would be permanently placed for future groundwater/vapor removal. If RS05 has not been damaged, a two inch diameter vapor recovery well will be placed into the backfill, near RS05 for future vapor extraction source testing. The vapor extraction well (VE) will be constructed of 2 inch diameter schedule 40 PVC with 0.02 slot from the 16 foot depth to 11 foot depth, with blank casing to surface. The excavation well (EX-1) if needed, will be constructed of schedule 40 PVC with 0.02 slot from the 26 foot depth to 11 foot depth, with blank casing to surface.

BACKFILLING

To alleviate concerns of potential pathways for vapor migration, the backfill plan will reduce the use of the drain rock and increase the use of the clean road base. Figure 6 is a proposed cross section view that illustrates the reduction in the use of the drain rock. After ACEH is satisfied that no further excavation is necessary or can safely be performed and no further confirmation samples are necessary the excavation will be backfilled.

Backfilling will be performed in the following sequence.

1. Placement of geofabric along the base and sidewalls of the excavation, to prevent fines from evading the drain rock.
2. If necessary permanent placement of EX well in geofabric covered excavation.
3. Placement of clean drain rock at approximately 5 to 6 foot thickness at the base of the excavation and to the 12 foot depth along the western edge of the excavation to include the location of RS05 or EX well.

4. Compaction of the drain rock.
5. Placement of geofabric on top of the drain rock, to prevent fines from evading the drain rock.
6. Placement of clean road base, compacted to the 8 foot depth.
7. Compaction placement of the clean overburden soil to grade.

Schedule 80 PVC pipe will connect the wells to the treatment compound, buried at approximately 2 feet below grade, to connect the excavation well traffic rated vault (24"width X 24"deep) to the treatment compound. This vault will be secured slightly above grade ½" in a concrete form.

NOTIFICATIONS

Upon approval of this revision to the February 2006 Work Plan a preapproval for cost will be submitted to the Underground Storage Tank Clean-Up Fund (UST Fund). Once preapprovals have been granted all necessary permissions and permits will be obtained. A 48-hour notice will be given to all concern parties including USA (Underground Service Alert) prior to start of any site activities.

LIMITATIONS

The information presented in this report is based on the following:

1. The observations and data collected by field personnel.
2. The result of laboratory analyzes performed by a state certified analytical laboratory.
3. Our understanding of the regulations of Alameda County, the City of Oakland and the State of California.
4. References reviewed for this report.

Changes in groundwater conditions can occur due to variations in rainfall, temperature, local and regional water use and local construction practices. In addition, variations in the soil and groundwater conditions could exist beyond the points explored in this investigation.

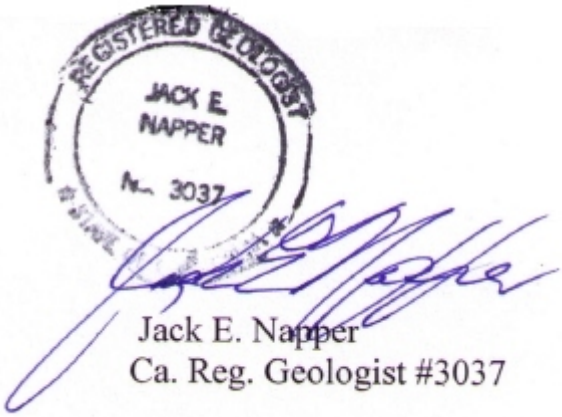
State Certified Laboratory analytical results are included in this report. This laboratory follows EPA and State of California approved procedures; however, WEGE is not responsible for errors in these laboratory results.

The services performed by Western Geo-Engineers, a corporation under California Registered Geologist #3037, have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the State of California, the City of Oakland and Alameda County.

Our work and/or supervision of remediation and/or abatement operations, active or preliminary at this site is in no way meant to imply that we are owners or operators of this

site. Please note that the known contamination of soil and/or groundwater must be reported to the appropriate agencies in a timely manner. No other warranty expressed or implied is made.

Sincerely yours,



Jack E. Napper
Ca. Reg. Geologist #3037

George Converse
Project Geologist

cc: Mr. William Thompson, Desert Petroleum (805) 654-8084
Mr. Kin Man Li, property owner 4035 Park Blvd. (510) 599-7000

TABLE 1
SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
SOIL BORINGS/MONITOR WELLS INSTALLATIONS BY RSI											
RS-1	RSI	12/11/1989	5	**16**	na	na	na	na			
RS-1	RSI	12/11/1989	10	**33**	na	na	na	na			
RS-1	RSI	12/11/1989	15	<1	na	na	na	na			
RS-1	RSI	12/11/1989	20	<1	<0.003	**0.008**	<0.003	<0.003			
RS-1	RSI	12/11/1989	25	**10**	**0.056**	**0.12**	**0.041**	**0.13**			
RS-1	RSI	12/11/1989	30	<1	<0.003	**0.012**	<0.003	<0.003			
RS-2	RSI	12/11/1989	5	<1	na	na	na	na			
RS-2	RSI	12/11/1989	10	11	na	na	na	na			
RS-2	RSI	12/11/1989	15	<1	na	na	na	na			
RS-2	RSI	12/11/1989	20	<1	<0.003	**0.017**	<0.003	<0.003			
RS-3	RSI	12/11/1989	5	<1	<0.003	**0.043**	<0.003	**0.008**			
RS-3	RSI	12/11/1989	10	<1	<0.003	**0.02**	<0.003	<0.003			
RS-4	RSI	12/12/1989	5	**50**	**0.78**	**3.4**	**0.74**	**4.1**			
RS-4	RSI	12/12/1989	10	**8**	**0.25**	**0.94**	**0.17**	**0.92**			
RS-5	RSI	12/12/1989	5	<1	na	na	na	na			
RS-5	RSI	12/12/1989	10	<1	na	na	na	na			
RS-5	RSI	12/12/1989	15	<1	na	na	na	na			
RS-5	RSI	12/12/1989	20	**530**	**1.5**	**8.4**	**3.9**	**22**			
RS-5	RSI	12/12/1989	25	**4**	**0.7**	**0.42**	**0.58**	**0.26**			
RS-5	RSI	12/12/1989	30	**1600**	na	na	na	na			
RS-5	RSI	12/12/1989	35	<1	na	na	na	na			
RS-5	RSI	12/12/1989	40	**1**	**0.036**	**0.069**	**0.009**	**0.043**			
RS-6	RSI	12/13/1989	5	<1	na	na	na	na			
RS-6	RSI	12/13/1989	10	<1	na	na	na	na			
RS-6	RSI	12/13/1989	15	<1	na	na	na	na			
RS-6	RSI	12/13/1989	20	<1	**0.017**	**0.007**	<0.003	**0.015**			
RS-6	RSI	12/13/1989	25	<1	**0.009**	**0.011**	<0.003	<0.003			
RS-6	RSI	12/13/1989	30	<1	na	na	na	na			
RS-6	RSI	12/13/1989	35	<1	**0.005**	**0.007**	<0.003	**0.006**			
RS-7(SB-1)	RSI	12/14/1989	STOCKPI	**130**	**0.46**	**3.6**	**1**	**7.6**			
RS-7(SB-2)	RSI	12/14/1989	STOCKPI	**370**	**1.1**	**13**	**4.4**	**29**			
SOIL BORINGS ALONG SEWER LATERAL											
DPO-SS1	WWC	7/24/1990	3.5	<1	<0.005	<0.005	<0.005	<0.005			
DPO-SS1	WWC	7/24/1990	5	<1	**0.005**	<0.005	<0.005	**0.011**			
DPO-SB1	WWC	8/21/1990	5	**390**	**2.5**	**17**	**9.4**	**47**			
DPO-SB2	WWC	8/21/1990	5	**41**	**0.31**	**1.4**	**0.92**	**4.4**			
DPO-SB2	WWC	8/21/1990	10	**230**	**3.5**	**21**	**5**	**43**			
DPO-SB2	WWC	8/21/1990	15	<1	**0.052**	**0.13**	**0.019**	**0.099**			
DPO-SB2	WWC	8/21/1990	20	<1	**0.03**	**0.033**	**0.0076**	**0.03**			
DPO-SB3	WWC	9/19/1990	15	<1	<0.005	<0.005	<0.005	**0.0073**			
SOIL BORINGS AT 4003 AND 4006 BRIGHTON AVENUE											
SB-A	LF	9/8/1993	5	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-A	LF	9/8/1993	15	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-B	LF	9/8/1993	5	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-B	LF	9/8/1993	12.5	**400**	**1.7**	**17**	**8.2**	**44**			
LF-1	LF	9/9/1993	6	<0.2	<0.005	<0.005	<0.005	<0.005			

TABLE 1
SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
LF-1	LF	9/9/1993	15.5	<0.2	<0.005	<0.005	<0.005	<0.005			
UST AND PIPING REMOVAL DOCUMENTATION SAMPLING											
REGULAR LEADED STEEL UST											
T1A	WEGE	6/23/1994	14	**2**	**0.022**	**0.075**	**0.03**	**0.16**			
T1B	WEGE	6/23/1994	14	<1	**0.027**	**0.028**	**0.006**	**0.026**			
UNLEADED STEEL UST											
T2A	WEGE	6/23/1994	14	<1	**0.022**	**0.027**	**0.005**	**0.022**			
T2B	WEGE	6/23/1994	14	<1	**0.017**	**0.025**	**0.005**	**0.02**			
UNLEADED FIBERGLASS UST											
T3A	WEGE	6/23/1994	14	<1	**0.013**	**0.012**	<0.005	<0.015			
T3B	WEGE	6/23/1994	14	<1	**0.013**	**0.011**	<0.005	<0.015			
WASTE OIL UST											
WO-1	WEGE	6/23/1994	7.5	**3**	**0.063**	**0.34**	**0.048**	**0.23**			
PRODUCT DISPENSING SYSTEM											
PL-1	WEGE	6/23/1994	2.5	<1	**0.01**	<0.005	<0.005	**0.02**			
PL-2	WEGE	6/23/1994	2.5	<1	**0.01**	**0.031**	**0.0059**	**0.032**			
OVER-EXCAVATION OF USTs AND PRODUCT DISPENSING AREAS											
SIDEWALLS OF UST EXCAVATION AND SOUTH OF BUILDING											
SWA -13	WEGE	8/8/1995	13	**3**	**0.005**	**0.009**	**0.046**	**0.36**			
SWB-6	WEGE	8/8/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
SWC-13	WEGE	8/8/1995	13	**3**	<0.005	<0.005	<0.005	**0.022**			
SWD-6	WEGE	8/8/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
SWE-11.5	WEGE	8/8/1995	11.5	<1	<0.005	<0.005	<0.005	<0.005			
F-14	WEGE	8/8/1995	14	**3**	**0.12**	**0.24**	**0.053**	**0.29**			
G-17	WEGE	8/8/1995	17	**6**	**0.16**	**0.31**	**0.11**	**0.68**			
H-SW-BOT-16	WEGE	8/10/1995	16	**1000**	**3.6**	**31**	**14**	**77**			
I-SW BUILD 8	WEGE	8/10/1995	8	**2000**	**4.5**	**35**	**18**	**130**			
J-BOT WEST	WEGE	8/11/1995	13	<1	<0.005	<0.005	<0.005	<0.005			
K-SW WEST 8	WEGE	8/11/1995	8	<1	<0.005	<0.005	<0.005	**0.005**			
SIDEWALLS AND BASE OF EXCAVATION SOUTH OF PUMP ISLANDS AND DISPENSER AREAS											
PI-1	WEGE	8/14/1995	12	<1	<0.005	<0.005	<0.005	<0.005			
PI-2	WEGE	8/14/1995	7	<1	**0.011**	<0.005	**0.005**	**0.03**			
PI-3	WEGE	8/14/1995	8	<1	<0.005	<0.005	<0.005	<0.005			
PI-4	WEGE	8/14/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
HYDRAULIC HOIST AREAS											
SLP-7	WEGE	8/16/1995	7	na							
SLP-14.5	WEGE	8/16/1995	14.5	**1200**	**8.8**	**25**	**18**	**92**			
NPL-7	WEGE	8/16/1995	7	na							
WASTE OIL UST											
T1-17	WEGE	8/31/1995	17	**940**	**2.1**	**3.3**	**7.9**	**33**			
EXPLORATORY PIT WEST OF BUILDING											
T2-11.5	WEGE	8/31/1995	11.5	<1	<0.005	<0.005	<0.005	<0.005			
T2-17.5	WEGE	8/31/1995	17.5	**4**	**0.05**	**0.07**	**0.062**	**0.31**			
BORING FOR MONITOR WELL MW1, REPLACED RS-1 WHICH WAS OVER-EXCAVATED.											
MW1-5	WEGE	9/5/1995	5	<1	**0.005**	**0.005**	<0.005	**0.015**			
MW1-10	WEGE	9/5/1995	10	<1	<0.005	<0.005	<0.005	<0.005			
MW1-15	WEGE	9/5/1995	15	<1	<0.005	<0.005	<0.005	<0.005			
MW1-20	WEGE	9/5/1995	20	<1	<0.005	<0.005	<0.005	<0.005			
SEWER LATERAL INVESTIGATION											
BH1-5	WEGE	5/1/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			

TABLE 1
SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
BH1-10	WEGE	5/1/1996	10	**31**	<0.005	**0.16**	**0.22**	**0.71**		390	
BH2-5.5	WEGE	5/2/1996	5.5	<0.2	<0.005	<0.005	<0.005	<0.005		2400	
BH3-5	WEGE	5/2/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH3-8.5	WEGE	5/2/1996	8.5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH3-10.5	WEGE	5/2/1996	10.5	<0.2	**0.09**	<0.005	<0.005	**0.021**		340	
BH4-6.5	WEGE	5/2/1996	6.5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH4-8.5	WEGE	5/2/1996	8.5	<0.2	<0.005	<0.005	<0.005	<0.005		460	
BH5-5	WEGE	5/2/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH5-6.5	WEGE	5/2/1996	6.5	<0.2	<0.005	<0.005	<0.005	<0.005		5700	
AUGER 1	WEGE	1/17/1997	0.9	**0.5**	<0.005	**0.017**	<0.005	<0.01	**0.14**		
AUGER 2	WEGE	1/17/1997	7	**0.68**	**0.024**	**0.032**	**0.009**	**0.024**	**0.07**		
AUGER 3	WEGE	1/17/1997	4.5	<0.5	<0.005	0.017	<0.005	<0.01	**0.085**		
ADDITIONAL MONITOR WELLS ALONG SEWER LATERAL											
RS8-10	WEGE	8/2/1999	10	**160**	**0.49**	**0.79**	**2.6**	**6.2**	<0.005		
RS9-6	WEGE	8/3/1999	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
RS9-10	WEGE	8/3/1999	10	**67**	**0.41**	**2**	**0.87**	**4.9**	<0.005		
RS10-6	WEGE	8/5/1999	6	<0.5	0.005	<0.005	<0.005	<0.01	<0.005		
RS10-9.5	WEGE	8/5/1999	9.5	**870**	**11**	**62**	**21**	**120**	<0.005		
RECEPTOR TRENCH DOCUMENTATION SAMPLES											
TRENCH-A-15	WEGE	8/4/1999	15	<0.5	**0.072**	**0.011**	**0.008**	**0.015**	<0.005		
TRENCH-B-10	WEGE	8/4/1999	10	**140**	**2**	**4**	**2.4**	**10**	<0.005		
TRENCH-C-14	WEGE	8/4/1999	14	<0.5	**0.009**	**0.017**	**0.005**	**0.031**	<0.005		
TRENCH-D-10.5	WEGE	8/5/1999	10.5	<0.5	<0.005	**0.006**	<0.005	**0.017**	<0.005		
TRENCH-E-5	WEGE	8/5/1999	5	**4000**	**17**	**260**	**110**	**580**	<0.005		
TRENCH-F-10.5	WEGE	8/5/1999	10.5	<0.5	**0.064**	**0.015**	**0.01**	**0.046**	<0.005		
TRENCH-G-7	WEGE	8/6/1999	7	**1100**	**1.4**	**70**	**34**	**180**	**4.5**		
TRENCH-H-10.5	WEGE	8/6/1999	10.5	<0.5	<0.005	<0.005	<0.005	**0.018**	<0.005		
TRENCH-I-5	WEGE	8/6/1999	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-J-10	WEGE	8/6/1999	10	<0.5	**0.021**	**0.079**	**0.011**	**0.057**	<0.005		
TRENCH-K-12.5	WEGE	8/9/1999	12.5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-L-10	WEGE	8/9/1999	10	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-M-6	WEGE	8/12/1999	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-N-8	WEGE	8/12/1999	8	<0.5	**0.012**	**0.005**	<0.005	**0.012**	<0.005		
TRENCH-O-10	WEGE	8/12/1999	10	<0.5	**0.011**	<0.005	<0.005	**0.011**	<0.005		
TRENCH-P-6	WEGE	8/12/1999	6	<0.5	**0.045**	<0.005	<0.005	<0.01	<0.005		
SOIL CORES DECEMBER 2004											
CORE HOLE 1											
C1-8/8.25	WEGE	12/9/2004	8.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-12/12.25	WEGE	12/9/2004	12.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-20/20.25	WEGE	12/9/2004	20.25	**12**	<0.005	<0.005	**0.0083**	<0.005	<0.005		
C1-23.75/24	WEGE	12/9/2004	24	**1500**	<0.05	**0.097**	**5.1**	**15**	<0.05		
C1-39.75/40	WEGE	12/9/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-45.75/46	WEGE	12/9/2004	46	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-49.25/49.5	WEGE	12/9/2004	49.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 2											
C2-8.5/8.75	WEGE	12/16/2004	8.75	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-19/19.25	WEGE	12/16/2004	19.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		**0.012**
C2-22.5/23	WEGE	12/16/2004	23	**2.5**	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-39.75/40	WEGE	12/16/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-49.25/49.5	WEGE	12/16/2004	49.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

TABLE 1
SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
CORE HOLE 3											
C3-7.75/8	WEGE	12/15/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-15/15.5	WEGE	12/15/2004	15.5	**270**	**0.16**	**0.14**	**4.2**	**2.3**	<0.05		
C3-31.75/32	WEGE	12/15/2004	32	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-35.75/36	WEGE	12/15/2004	36	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-41.75/42	WEGE	12/15/2004	42	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 4											
C4-7.75/8	WEGE	12/16/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C4-19.5/20	WEGE	12/16/2004	20	**58**	**0.044**	**0.83**	**1.1**	**2.1**	<0.005		**0.092**
C4-25.75/26	WEGE	12/16/2004	26	<1	<0.005	<0.005	<0.005	**0.0056**	<0.005		
C4-39.75/40	WEGE	12/16/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 5, NOT DRILLED											
CORE HOLE 6											
C6-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C6-15.75/16	WEGE	12/13/2004	16	**120**	**0.22**	<0.025	**0.16**	<0.05	<0.025		
C6-16.5/17	WEGE	12/13/2004	17	**1600**	**0.99**	<0.25	**23**	**3.2**	<0.25		
C6-31.75/32	WEGE	12/13/2004	32	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C6-34.75/35	WEGE	12/13/2004	35	<1	**0.035**	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 7											
C7-7.75/8	WEGE	12/15/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C7-18/18.25	WEGE	12/15/2004	18.25	**220**	**0.055**	**0.031**	**0.64**	**0.05**	<0.025		
C7-29.75/30	WEGE	12/15/2004	30	<1	**0.14**	**0.028**	**0.013**	**0.029**	<0.005		
C7-45.75/46	WEGE	12/15/2004	46	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C7-48.75/49	WEGE	12/15/2004	49	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 8											
C8-7.75/8	WEGE	12/14/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C8-11.75/12.0	WEGE	12/14/2004	12	**470**	<0.1	<0.1	**0.13**	<0.1	<0.1		
C8-15.75/16.0	WEGE	12/14/2004	16	**7.2**	**0.08**	**0.043**	**0.25**	**0.3**	<0.005		
C8-29.75/30.0	WEGE	12/14/2004	30	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C8-37.75/38	WEGE	12/14/2004	38	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 9											
C9-7.75/8	WEGE	12/14/2004	8	**520**	<0.25	<0.25	**4.2**	**5.4**	<0.25		
C9-11.75/12	WEGE	12/14/2004	12	**1300**	<0.25	**0.72**	**17**	**75**	<0.25		
C9-23.75/24	WEGE	12/14/2004	24	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C9-30.75/31	WEGE	12/14/2004	31	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 10											
C10-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C10-16/16.25	WEGE	12/13/2004	16.25	**1.1**	**0.005**	<0.005	**0.026**	**0.067**	<0.005		
C10-29.75/30	WEGE	12/13/2004	30	<1	**0.085**	<0.005	<0.005	<0.005	**0.0066**		
C10-33.75/34	WEGE	12/13/2004	34	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 11											
C11-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C11-17.5/18	WEGE	12/13/2004	18	**2.4**	**0.012**	<0.005	**0.013**	**0.028**	<0.005		
C11-23.75/24.0	WEGE	12/13/2004	24	**210**	**3.9**	**15**	**4.4**	**23**	<0.025		
C11-28.75/29	WEGE	12/13/2004	29	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C11-31.75/32	WEGE	12/13/2004	32	<1	**0.027**	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 12											
C12-5.75/6.0	WEGE	12/10/2004	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C12-15.75/16	WEGE	12/10/2004	16	**6**	<0.005	<0.005	**0.056**	<0.005	<0.005		
C12-19.75/20	WEGE	12/10/2004	20	**3.2**	<0.005	<0.005	<0.005	<0.005	<0.005		
C12-29.75/30	WEGE	12/10/2004	30	**4.4**	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 13											
C13-3.75/4.0	WEGE	12/9/2004	4	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C13-13.75/14	WEGE	12/9/2004	14	**23**	**0.097**	<0.005	**0.31**	**0.46**	<0.005		

TABLE 1
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FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
C13-21/21.5	WEGE	12/9/2004	21.5	**180**	**0.74**	**1.1**	**2.8**	**12**	<0.025		
C13-23.75/24	WEGE	12/10/2004	24	<1	**0.19**	<0.005	<0.005	**0.016**	**0.0094**		
C13-29.75/30	WEGE	12/10/2004	30	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

Geotechical Evaluation Drilling for proposed excavation slope stability and grading permit.

GB 1-15	WEGE	1/24/2011	15	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
GB 2-17.5	WEGE	1/24/2011	17.5	**720**	<0.005	<0.005	**9.2**	**11**	<0.005		

RSI	REMEDIATION SERVICE, INT'L
WWC	WATERWORKS CORP.
LF	LEVINE-FRICKE
WEGE	WESTERN GEO-ENGINEERS

< BELOW LABORATORY LOWER DETECTION LIMITS
mg/Kg milligrams per kilogram (parts per million)
TPHg TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE
MTBE METHYL TERTIARY BUTYL ETHER
TOC Total Organic Carbon

Table 2
Estimated excavated soil amounts Planned
DP793 - 4035 Park Blvd., Oakland, CA.

surface - clean soils, overburden

depth	excavated depth	# grids 5x5	square ft	cubic ft	accumulative 0		accumulative yards		approximate tons	
0 to 10	10	65	1625	16250	16250		602		903	

clean soil spread on lot

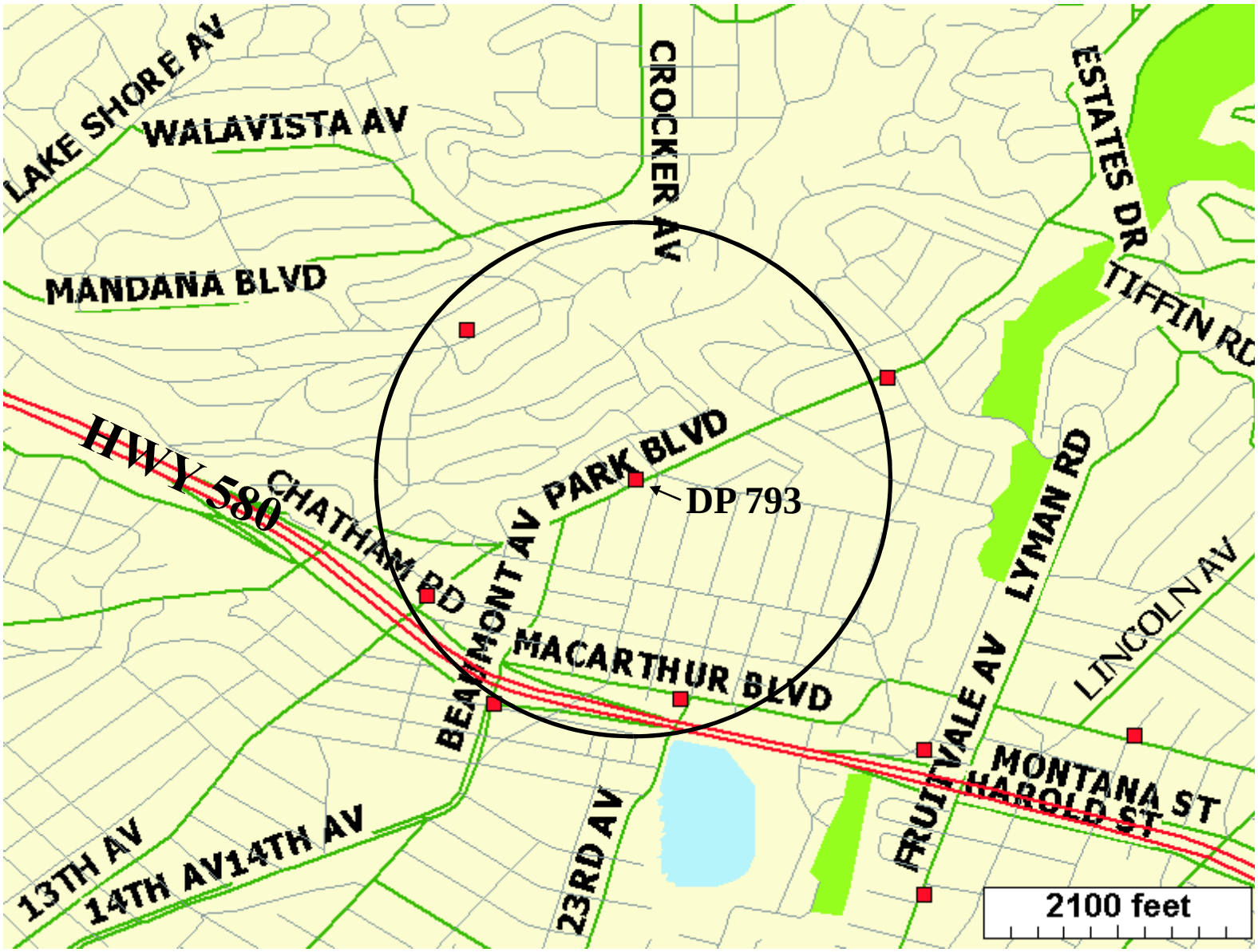
width	length	height	cubic ft	0
20	50	8	8000	8000
45	50	1.50	3375	11375
20	20	1.50	600	11975
35	80	1.50	4200	16175
15	25	1.50	562.5	16737.5

contaminated soils
surface - clean soils, overburden

depth	excavated depth	# grids 5x5	square ft	cubic ft	accumulative 0		accumulative yards		approximate tons	
10 to 16	6	9	225	1350	1350		50		75	
10 to 22	12	7	175	2100	3450		128		192	highest concentrations
10 to 24	14	6	150	2100	5550		206		308	at top of water
10 to 25	15	13	325	4875	10425		386		579	12 fbs.
10 to 26	16	1	25	400	10825		401		601	

Stock pile foot print - contaminated soils

	width	length	height	cubic ft
	40	45	6.50	11700



N
W E
S

LUST SITES

WELLS

FIGURE 1
GEOTRACKER
AREA WELL & LUST MAP
DP 793
4035 PARK BLVD.
OAKLAND, CA

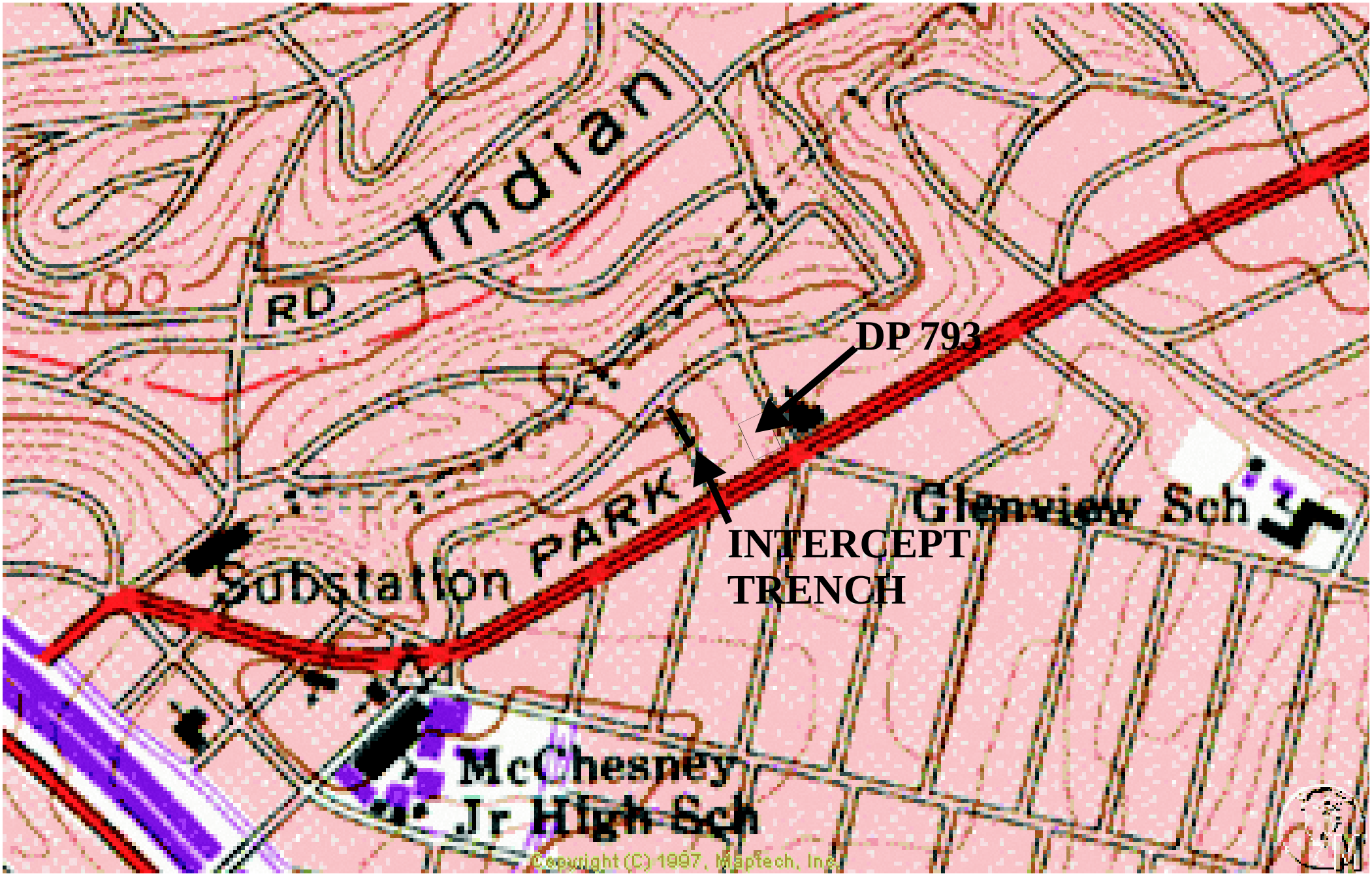
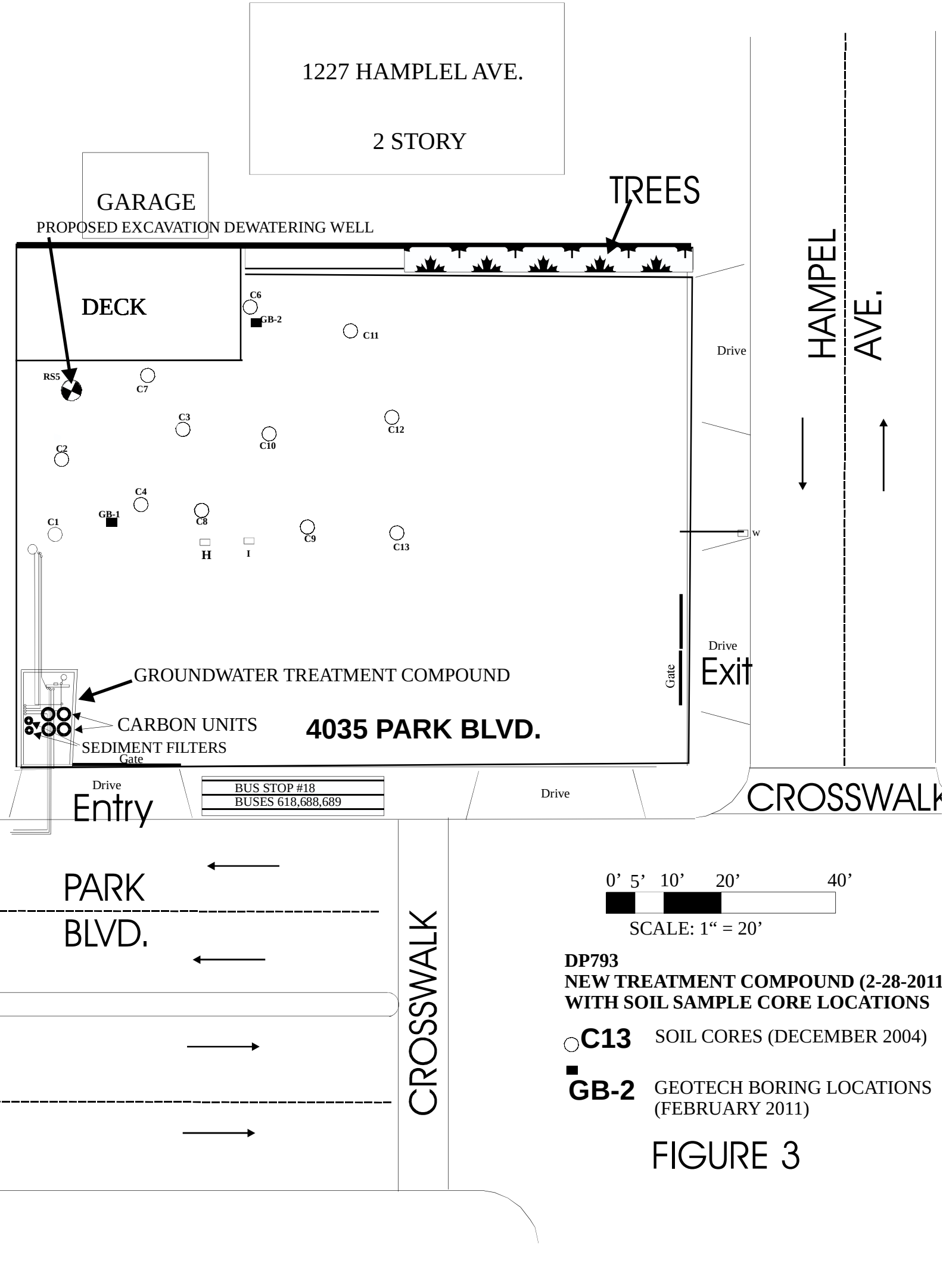


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP


1227 HAMPLEL AVE.
2 STORY
GARAGE
PROPOSED EXCAVATION DEWATERING WELL
TREES
DECK
C6
GB-2
C11
Drive
HAMPEL
AVE.
RS5
C7
C3
C12
C10
C2
C4
GB-1
C8
C1
C9
C13
H
I
w
Drive
Exit
Gate
GROUNDWATER TREATMENT COMPOUND
CARBON UNITS
SEDIMENT FILTERS
4035 PARK BLVD.
Gate
Drive
Entry
BUS STOP #18
BUSES 618,688,689
Drive
CROSSWALK
PARK
BLVD.
CROSSWALK
0' 5' 10' 20' 40'
SCALE: 1" = 20'
DP793
NEW TREATMENT COMPOUND (2-28-2011
WITH SOIL SAMPLE CORE LOCATIONS
C13 SOIL CORES (DECEMBER 2004)
GB-2 GEOTECH BORING LOCATIONS (FEBRUARY 2011)
FIGURE 3

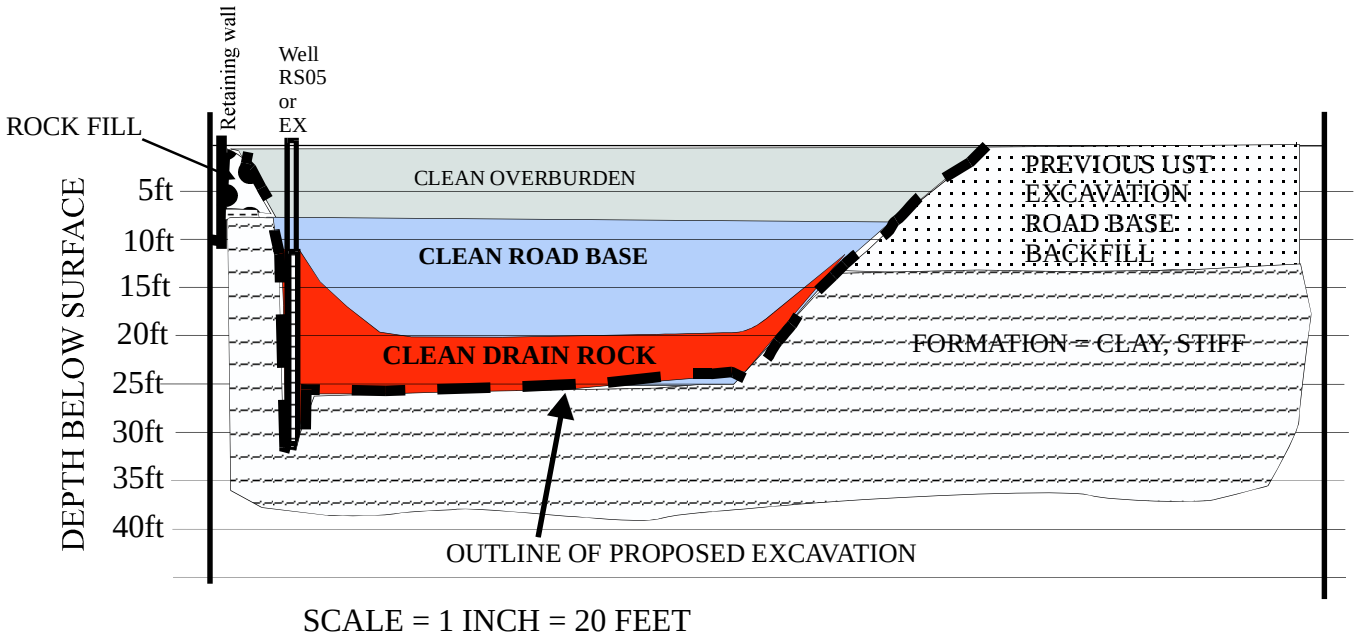


FIGURE 4 - CROSS SECTION SHOWING PROPOSED LOCATION OF EXCAVATION, RS05 or EXCAVATION WELL (EX) AND BACKFILL MATERIAL

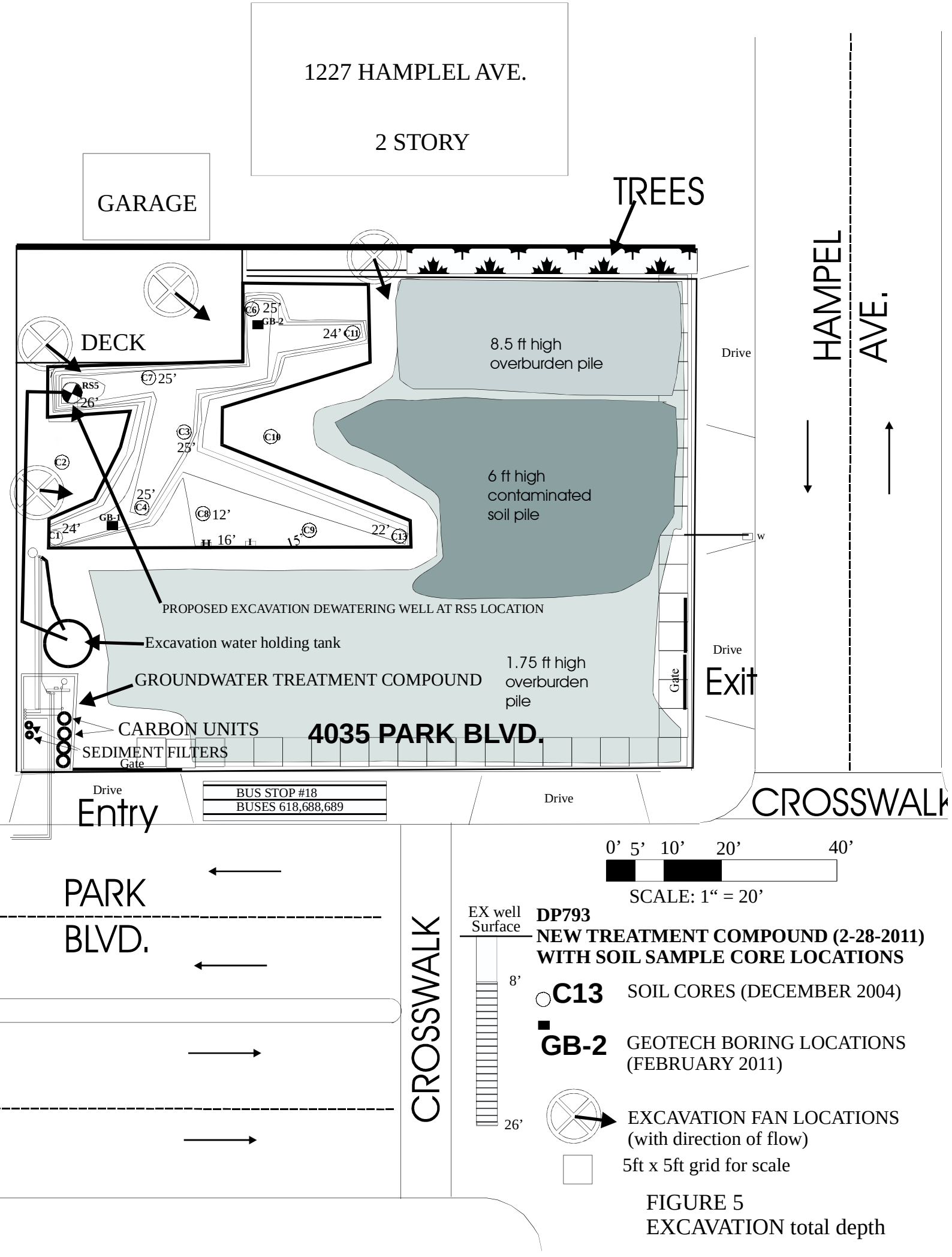


FIGURE 5
EXCAVATION total depth