



Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

APPLICATION FORM

Under the Voluntary Cleanup Program (VCP), the Department of Ecology (Ecology) may provide informal site-specific technical consultations to persons conducting independent remedial actions at a hazardous waste site. Ecology may provide such consultations under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC.

To enter the VCP, complete and submit to the Department of Ecology (Ecology) a VCP Application. The Application consists of the following two documents:

1. Application Form (including required attachments). ← **THIS DOCUMENT**
2. Agreement.

For guidance on how to complete your Application, please refer to the Application Instructions, which are available separately on the VCP web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

Part 1 - ADMINISTRATION

A. Customer Information. The Customer is the person or organization requesting services from Ecology under the VCP, and is responsible for paying the costs incurred by Ecology. The authority and duty of the Customer are explained in the Agreement.

Name of Customer: Chevron Environmental Management Corporation.

What type of entity is the Customer?

Person

If the Customer is a "person," then the Customer shall serve as both the Manager and Billing Contact for the Project. When identifying the Project Manager below, please enter the name of the Customer and his or her contact information.

Organization

If the Customer is an "organization," then please identify below both a Manager and Billing Contact for the Project. Those persons must be employed by the organization.

What is the Customer's involvement at the Site? Please check all that apply.

Property owner

Business owner (operator)

Past property owner

Mortgage holder

Future property owner

Consultant

Property lessee

Attorney

Other – please specify: Former Owner/Operator Standard Oil

If not the current property owner, is the Customer acting as the agent for the property owner?

Yes No

If not the current property owner, is the Customer authorized to grant access to the property?

Yes No

Part 1 – ADMINISTRATION continued

B. Project Manager Information. Ecology will send this person all official correspondence. Please enter the required information below.

Name: Olivia Skance		Title: Project Manager	
Mailing address: 6001 Bollinger Canyon Road			
City: San Ramon		State: CA	Zip: 94583-5186
Phone: (925) 543-2366	Fax: (925) 543-2324	E-mail: olivia.skance@chevron.com	

C. Project Billing Contact Information. Ecology will send this person monthly invoices.

Is the Project Billing Contact the same as the Project Manager?

Yes *If you answered "YES," then skip to the next question.*

No *If you answered "NO," then please enter the required information below.*

Name:		Title:	
Mailing address:			
City:		State:	Zip:
Phone:	Fax:	E-mail:	

D. Project Consultant Information.

Is the Customer a consultant?

Yes *If you answered "YES," then skip to the next question.*

No *If you answered "NO" and the Customer hired a consultant to conduct the independent remedial action, then enter the required information below.*

Name: Peter Catterall		Title: Senior Project Manager	
Organization: Science Applications International Corporation			
Mailing address: 18912 North Creek Parkway Suite 101			
City: Bothell		State: WA	Zip: 98011
Phone: (425) 482-3321	Fax: (425) 485-5566	E-mail: catteralp@saic.com	

Do you want Ecology to contact the Project Consultant?

Yes No

E. Property Owner Information.

Is the Customer the owner of the property where independent remedial action is being conducted?

Yes *If you answered "YES," then enter the type of entity and skip to the next question.*

No *If you answered "NO," then please enter all of the required information below.*

Name: Veronica Redstone		Title: Property Manager	
Organization: Housing Resources Group			
Mailing address: 1651 Bellevue Avenue			
City: Seattle		State: WA	Zip: 98122-2014
Phone: (206) 957-2708	Fax: (206) 683-9404	E-mail: vredstone@hrg.org	

Part 1 – ADMINISTRATION continued

What type of entity is the property owner? Please check only one.

- | | |
|--|--|
| <input checked="" type="checkbox"/> Private | <input type="checkbox"/> County |
| <input type="checkbox"/> Tribal | <input type="checkbox"/> Municipal |
| <input type="checkbox"/> Federal | <input type="checkbox"/> Mixed |
| <input type="checkbox"/> State | <input type="checkbox"/> Public School |
| <input type="checkbox"/> Other – please specify: _____ | |

F. Request for Written Opinion.

Are you submitting a remedial action plan or report with your VCP Application?

- Yes No

If you answered "YES" above, do you want Ecology to provide you with a written opinion on the planned or completed remedial action?

- Yes No

Please note that Ecology's opinion will be limited to:

- Whether the planned or completed remedial action at the site meets the substantive requirements of the Model Toxics Control Act (MTCA), and/or
- Whether further remedial action is necessary at the site under MTCA.

Do you expect to request additional written opinions in the future?

- Yes No

G. Reporting Requirements.

Please comply with the following reporting requirements when requesting written opinions on planned or completed remedial actions:

- Licensing.** Documents submitted containing geologic, hydrologic, or engineering work must be under the seal of an appropriately licensed professional, as required by Chapters 18.43 and 18.220 RCW.
- Data Submittal.** Environmental sampling data must be submitted in both a printed form and an electronic form capable of being transferred into Ecology's data management systems. For instructions on how to submit the data, please refer to the following Ecology web site: www.ecy.wa.gov/programs/tcp/data_submittal/Data_Requirements.htm.

Failure to comply with these requirements may result in unnecessary delays. **Ecology will not issue a No Further Action (NFA) opinion unless these requirements are satisfied.**

Part 2 - DESCRIPTION OF THE SITE

A. Name of the Site. If Ecology has already identified the Site, enter the name provided by Ecology. Otherwise, enter a suggested name for the Site. You may also include an alternate name.

Name: SEATTLE HOUSING AUTHORITY MAINT PKG LOT

Alternate Name: 209335

B. Location of Property where the Releases Occurred (Source Property).

The "source property" is the property where hazardous substances were released into the environment. For example, if petroleum was released from a leaking UST, the source property is the property where the UST was located.

Do you know on which property the releases occurred?

Yes

If you answered "YES," then please refer to the source property when answering the following questions.

No

If you answered "NO," then please refer to the property addressed by your remedial action (cleanup) when answering the following questions.

Physical Address. Please enter the physical address of the property below.

Street Address: 1225 North 45th Street

City: Seattle

State: WA

Zip: 98103

Geographic Position. Please enter the geographical position of the property below. For additional guidance on how to complete this part, please refer to instructions on the VCP web site.

COORDINATES	LATITUDE:	Degrees: 47	Minutes: 39	Seconds: 40.61
	LONGITUDE :	Degrees: -122	Minutes: 20	Seconds: 34.19
LOCATION ON PROPERTY: [e.g., point of release or center of parcel]				
COLLECTION METHOD: [e.g., GPS or address matching]		From Facility/Site Information on Ecology website		
COLLECTION SOURCE: [i.e., map scale]				
HORIZONTAL DATUM: [i.e., base reference for coordinate system]		NAD 83 HARN		
ACCURACY LEVEL: [i.e., +/- feet or meters]		+/- 40 feet or better		

Legal Descriptions.

TRS DATA:	Township: 25N	Range: 4E	Section: 18	Quarter-Quarter: NW-NE
TAX PARCEL #(s):	7821200255 (King County)			

Part 2 - DESCRIPTION OF THE SITE continued

C. Identification of Properties affected by the Releases (Affected Properties).

An "affected property" is a property affected by the release of hazardous substances on the source property. For example, petroleum released from a leaking UST on one property (source property) may migrate through the soil or ground water onto an adjacent property (affected property).

Do any of the releases affect any properties adjacent to the source property?

- Yes *If you answered "YES," then please identify below each property that you know has been affected by the releases on the source property. If you need to identify additional properties, please attach additional pages.*
- No *If you answered "NO," then skip to the next question.*
- Unknown *If you answered "UNKNOWN," then skip to the next question.*

1.	Address:
	Tax Parcel(s):
2.	Address:
	Tax Parcel(s):
3.	Address:
	Tax Parcel(s):
4.	Address:
	Tax Parcel(s):

D. Identification of Public Right-of-Ways affected by the Releases.

Do any of the releases affect any public right-of-ways (e.g., streets)?

- Yes
- No
- Unknown

If you answered "YES" above, please specify below. Otherwise, skip to the next question.

The releases affect Stone Way North.

Attach additional pages if necessary.

E. Extent of the Site.

What is the approximate areal extent of the Site? Please check only one.

- < 5,000 square feet
- > 5,000 square feet, but < 1 acre
- > 1 acre, but < 10 acres
- > 10 acres
- Unknown

Part 2 - DESCRIPTION OF THE SITE continued

F. Description of Release(s) at the Site.

Source of Release(s).

What are the source(s) of the release(s) at the Site? Please check all that apply.

- Point source (e.g., leaking tank)
- Non-point source (e.g., contaminated soil used as fill)
- Area-wide lead and arsenic soil contamination (see questions below)
- Other – please specify: Surface spills, overfilling of tanks, product line leaks
- Unknown

To the extent known, please describe the source(s) of the release(s):

A service station operated at this location beginning in approximately 1935. Standard Oil purchased the property in 1954 and replaced the existing underground storage tanks during a 1956 station renovation. The station was decommissioned in 1969. The property was purchased in 1978 by the Seattle Housing Authority and remained undeveloped until it was sold to Housing Resources Group in 2005. The property was redeveloped in 2005 into a multistory housing complex with an underground parking garage.

Petroleum hydrocarbon contamination was discovered at the site in August 1999 during a Preliminary Subsurface Environmental Study by Environmental Associates, Inc. Gasoline-range hydrocarbons and total xylenes were detected at concentrations in exceedance of MTCA Method A cleanup levels. Diesel-range hydrocarbons and lead were also detected but did not exceed MTCA Method A cleanup levels. A groundwater sample from one of the five soil borings contained gasoline-range hydrocarbons, benzene, toluene, ethylbenzene, and total xylenes (BTEX) at concentrations in exceedance of MTCA Method A cleanup levels. Groundwater samples taken following the installation of five groundwater monitoring wells at the property in November 2000 contained gasoline- and diesel-range hydrocarbons, BTEX, and lead at concentrations in exceedance of MTCA Method A cleanup levels.

As part of the 2005 Site redevelopment, the Site was excavated to approximately 13 feet below grade. Following the completion of the development excavation, twenty large-diameter bucket auger borings were completed on the former Chevron property to approximately 42 feet below grade to remove deep impacted soil. Approximately 2,370 tons of petroleum impacted soil were removed during the redevelopment excavation. Residual contamination was left only in the northeast corner of the property where it extends beneath the adjacent sidewalk at a depth below six feet.

Following redevelopment, five monitoring wells were installed at the Site. Groundwater flow at the Site is generally to the southeast. LNAPL was detected during the development of monitoring well MW-7, which is located at the northeast corner of the property in the underground parking garage. Following detection, LNAPL was bailed from well MW-7 on a weekly basis between February 2006 and August 2006. LNAPL bailing has been discontinued because the property owner has refused to allow Chevron access for the storage of recovered product.

Attach additional pages if necessary.

Circumstances of Release(s). To the extent known, please describe below the circumstances of the release(s).

The release of petroleum hydrocarbon contamination was discovered at the property during a Preliminary Subsurface Environmental Study in 1999. The release was reported to Ecology on September 25, 2001 following additional site investigations. Based on the site history and the analytical data from these investigations, the primary sources of contamination at the site are believed to be from UST leaks and discharges of petroleum products to surface or subsurface soils via leaks or spills. Since the property operated as a service station from approximately 1935 to 1969, it is difficult to determine the exact nature and history of releases at the Site.

Attach additional pages if necessary.

Circumstances of Release Discovery. To the extent known, please describe below the circumstances of the discovery of the release(s).

See above.

Attach additional pages if necessary.

Part 2 - DESCRIPTION OF THE SITE continued

Area-Wide Soil Contamination. For information about the area-wide soil contamination project, please refer to the following web site: www.ecy.wa.gov/programs/tcp/area_wide/area_wide_hp.html. For information about the Tacoma Smelter Plume (TSP) and the associated Management Plan, please refer to the following web site: www.ecy.wa.gov/programs/tcp/sites/tacoma_smelter/ts_hp.htm.

Is the Site located within an area affected by smelter emissions, such as the TSP area?

Yes No Unknown

To determine whether your Site is located within the TSP area, please refer to the map on the TSP web site identified above.

Is the Site located on a former apple or pear orchard in operation prior to 1947?

Yes No Unknown

Is the Site impacted by area-wide arsenic and/or lead soil contamination?

Yes No Unknown

G. Nature and Extent of Hazardous Substances Released at the Site. The following questions refer to conditions after the release, but prior to any cleanup, of the hazardous substances at the Site.

Hazardous Substances and Affected Media. To the extent known, please identify in the following table the hazardous substances released at the Site and the media (e.g., soil) impacted by those substances. Use the codes at the bottom of the table.

HAZARDOUS SUBSTANCE	AFFECTED MEDIA				
	SOIL	GROUND WATER	SURFACE WATER	SEDIMENT	AIR
EXAMPLE: Benzene	C	S	N/A	N/A	B
Gasoline-range hydrocarbons	C	C	N/A	N/A	N/A
Diesel-range hydrocarbons	B	C	N/A	N/A	N/A
Benzene	C	C	N/A	N/A	N/A
Toluene	C	C	N/A	N/A	N/A
Ethylbenzene	C	C	N/A	N/A	N/A
Total xylenes	C	C	N/A	N/A	N/A
Lead	B	C	N/A	N/A	N/A
Other VOCs	N/A	N/A	N/A	N/A	N/A
PCBs	N/A	N/A	N/A	N/A	N/A
PAHs	N/A	N/A	N/A	N/A	N/A

When identifying the affected media in the table above, please use one of the following codes:

- C = confirmed, above cleanup level
- B = confirmed, below cleanup level
- O = confirmed, not present
- S = suspected
- N/A = not suspected
- U = unknown

Part 2 - DESCRIPTION OF THE SITE continued

Drinking Water.

Does any of the contamination at the Site pose a threat or potential threat to an existing drinking water source (ground water or surface water)?

- Yes No Unknown

If you answered "YES" above, what type of drinking water system is threatened by the contamination? Please check all that apply.

- Single Family
 Community

Indoor Air.

Are contaminant odors present in any buildings, manholes, or other confined spaces?

- Yes No Unknown

If you answered "YES" above, please specify:

Attach additional pages if necessary.

H. Maps of the Site.

Please attach to this application map(s) that identify, to the extent known, the following:

- The location of the site.
- The properties, and any public right-of ways, affected by the site.
- The source(s) of the release(s) at the site.
- The nature and extent of contamination at the site.
- Any human or ecological receptors impacted by the site (e.g., drinking water wells).
- The physical characteristics of the site (e.g., property lines, building and road outlines, surface water bodies, water supply wells, ground water flow direction, and utility right-of-ways).
- The properties adjacent to the site and the uses of those properties (e.g., gas station, dry cleaner, residential).

Part 3 – OPERATIONAL HISTORY OF THE SITE

A. Current Use of Source Property. Note that the following questions refer only to the Source Property, not other properties affected by the Site. Answer these questions to the best of your ability.

Current Property Owners. To the extent known, please identify below the current owner of the source property.

Name: Veronica Redstone		Title: Property Manager
Organization: Housing Resources Group		
Mailing address: 1651 Bellevue Avenue		
City: Seattle	State: WA	Zip code: 98122-2014
Phone: (206) 957-2708		

Current Business Owner (Operator). To the extent known, please identify below the current owner of the business located on the source property.

Name:		Title:
Organization:		
Mailing address:		
City:	State:	Zip code:
Phone:		

Current Business Operations. To the extent known, please identify below the current operations of the business located on the source property.

What is the current land use of the source property? Please check all that apply.

- Residential
- Commercial
- Industrial
- Agricultural
- Other – please specify: _____
- School
- Childcare facility
- Park

Is there a currently operational commercial or industrial business located on the source property?

- Yes
- No
- Unknown

If you answered "YES" above, please identify in the following table the current business operations using the North American Industry Classification System (NAICS) codes and specifying the operations.

NAICS CODE	DESCRIPTION OF OPERATIONS
EX: 447110	Gasoline Stations with Convenience Stores

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Is there a solid waste handling facility located on the Source Property?

Yes No Unknown

If you answered "YES" above, please identify:

Attach additional pages if necessary.

Is there a dangerous waste treatment, storage, or disposal facility located on the Source Property?

Yes No Unknown

If you answered "YES" above, please identify:

Haz Waste Management Activity ID #WAH000026234

Attach additional pages if necessary.

Regulation of Current Business Operations.

Does the business operate under any federal, state, or local permits related to the release of hazardous substances into the environment (e.g., NPDES permit)?

Yes No Unknown

If you answered "YES" above, please specify the regulated operation, the name of the permit, and the date it was issued in the table below.

REGULATED OPERATION	PERMIT	DATE ISSUED
EX: Wastewater discharge	NPDES permit	02/02/02

Has a state or federal notice of enforcement action (e.g., notice of violation) ever been issued related to the release of hazardous substances at the business?

Yes No Unknown

If you answered "yes" above, please specify (notice and year issued): _____

Have business operations resulted in any other spills or other unpermitted releases on the source property?

Yes No Unknown

If you answered "YES" above, please specify in the table below.

RELEASE	DATE OF RELEASE	STATUS OF RELEASE

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Storage Tank Information. In table below, please identify all above ground storage tanks (AST) and underground storage tanks (UST) that have been used for storing hazardous substances on the source property, irrespective of whether the tanks are still in use or in place. *If you are unable to provide answers to specific questions regarding a tank, please enter "U" for unknown.*

IDENTIFICATION				STATUS AND CLOSURE				RELEASES	
Hazardous Substance	Type (AST/UST)	Size (Gallons)	TANK ID	DATE INSTALL	IN USE (Y/N)	DATE CLOSED	CLOSURE METHOD (*)	PAST (Y/N)	CURRENT (Y/N)
EX: Diesel	UST	10,000	4	02/87	N	05/98	Removed	Y	N
Fuel (Gasoline?)	UST	1,000	U	1936?	N	1956?	Closed in Place?	U	N
Fuel (Gasoline?)	UST	1,000	U		N				
Used oil/waste oil?	UST	550	U	1936?	N	1956?	Closed in Place?	U	N
Used oil/waste oil?	UST	550	U	1956?	N	1969	Closed in Place?	U	N
Fuel (Gasoline?)	UST	3,000	U	1956?	N	1969	Closed in Place?	U	N
Fuel (Gasoline?)	UST	2,000	U		N	1969	Closed in Place?	U	N
Leaded Gasoline	UST	1,000	1	?	N	2001	Removed	U	N

(*) Options = Removed or Closed in Place

B. Past Use of Source Property. Note that the following questions refer only to the Source Property, not other properties affected by the Site. Please answer these questions to the best of your ability.

Past Property Owners. To the extent known, please identify below the owner of the source property at the time the release occurred.

Name: Chevron Title:

Organization: Chevron USA Inc.

Mailing address: 6001 Bollinger Canyon Road

City: San Ramon State: CA Zip code: 94583

Phone: (925) 842-1000 Fax: E-mail:

Past Business Owners (Operators). To the extent known, please identify below the owner of the business (operator) at the time the release occurred.

Name: Chevron Title:

Organization: Chevron USA Inc.

Mailing address: 6001 Bollinger Canyon Road

City: San Ramon State: CA Zip code: 94583

Phone: (925) 842-1000 Fax: E-mail:

Identification of Past Business Operations. Please identify in the following table the past operations of businesses located on the source property using the North American Industry Classification System (NAICS) codes and/or specifying the operations.

NAICS CODE	DESCRIPTION OF OPERATIONS
EX: 447110	Gasoline Stations with Convenience Stores
447110	Gasoline Station with Convenience Stores

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

C. Future Use of Source and Affected Properties. The following questions refer to both source and affected properties. Please answer these questions to the best of your ability.

Will any ownership interest in the source or affected properties be conveyed prior to, or upon completion of, the cleanup?

- Yes No Unknown

If you answered "YES" above, please specify:

Attach additional pages if necessary.

Will any of the source or affected properties, or portions of those properties, be redeveloped as part of the cleanup?

- Yes No Unknown

If you answered "YES" above, please specify the proposed land use below. Please check all that apply.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Residential | <input type="checkbox"/> School |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Childcare facility |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Park |
| <input type="checkbox"/> Agricultural | |
| <input type="checkbox"/> Other – please specify: | |

Please also specify the activities proposed for that land use:

A major redevelopment action was completed in conjunction with site cleanup activities in 2006 which resulted in the removal of approximately 2,370 tons of petroleum impacted soil from the subject property. The property was redeveloped into a residential building.

Attach additional pages if necessary.

Part 4 – ADMINISTRATIVE HISTORY OF THE SITE

Have you previously reported the release(s) of hazardous substances at the Site to Ecology?

- Yes – If so, when? Release #583079 reported 09/25/01 No Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under the VCP?

- Yes – If so, please specify the VCP Project Number: NW1415
 No
 Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under a federal or state order or decree?

- Yes – If so, please specify the type and docket number: _____
 No
 Unknown

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE

A. Scope of Remedial Actions.

Do you plan to characterize and address all of the contamination at the Site, including any contamination located on affected adjacent properties, as part of the VCP project?

- Yes No Unknown

If you answered "NO" above, please describe below the scope of the VCP project, including the contamination (properties, portions of a property, media and/or hazardous substances) that you DO NOT plan on characterizing and/or addressing as part of the VCP project. Please include additional pages if necessary.

The nature and extend of the contamination present at the Site has been fully characterized. Future activities to be performed as part of this cleanup action are expected to include LNAPL removal as an interim action followed by long-term monitoring to closure. Note that there is currently no intention to perform additional site characterization work, nor to perform cleanup actions under the drive lanes of adjacent roadways due to safety concerns.

Access constraints may exist due to the recent redevelopment of the Site into a residential complex.

Attach additional pages if necessary.

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE continued

B. Status of Remedial Actions.

What is the current status of remedial actions at the site? Please check all that apply in the table below.

REMEDIAL ACTION	PLANNED	ONGOING	COMPLETED	NOT APPLICABLE
INITIAL RESPONSE (UST ONLY)				?
INTERIM ACTION		X	X	
REMEDIAL INVESTIGATION		X		
FEASIBILITY STUDY				
CLEANUP ACTION				

C. Documentation of Remedial Actions.

Please list in the table below all known remedial action plans or reports produced for the site, including:

- The title of the plan or report,
- The author (e.g. consulting firm) of the plan or report,
- The date the plan or report was produced,
- Whether the plan or report has been submitted to Ecology,
- The date the plan or report was submitted to Ecology.

	TITLE	AUTHOR	DATE	SUBMITTED TO ECOLOGY	
				Y/N?	DATE
EX:	John Doe's Site: Remedial Investigation Work Plan	Mom's Consulting Firm	02/20/05	NO	N/A
1.	Phase I Environmental Audit	Environmental Associates, Inc.	08/20/99	?	N/A
2.	Preliminary Subsurface Environmental Study	Environmental Associates, Inc.	09/20/99	?	N/A
3.	Additional Subsurface Assessment	Environmental Associates, Inc.	09/29/99	?	N/A
4.	Environmental Investigation	Delta Environmental Consultants, Inc.	03/28/01	Y	03/29/01
	Environmental Investigation	Delta Environmental Consultants, Inc.	07/17/01	Y	07/18/01
5.	Summary of Current Site Conditions and Identified Data Gaps	Farallon Consulting, LLC	05/01/03	?	N/A
6.	Supplemental Site Investigation	Science Applications International Corporation	09/28/04	?	N/A
7.	Cleanup Action Plan	Science Applications International Corporation	04/06/05	?	N/A
8.	Remedial Action Work Plan	Science Applications International Corporation	05/26/05	?	N/A
9.	Remedial Action Report	Science Applications International Corporation	04/25/07	?	N/A
10.	Groundwater Monitoring and Sampling Report – Event of June 16, 2009 and Special Event of July 1, 2009	Gettler-Ryan Inc.	08/24/09	Y	08/24/09

Part 6 – STATEMENT AND SIGNATURE

A. Statement and Signature. The undersigned affirms that the information contained in this application is true and accurate to the best of his or her knowledge. Please note that someone other than the Customer may sign this Application Form.

Name: Peter Catterall		Title: Senior Project Manager
Signature: <i>P. Catterall</i>		Date: Nov 5, 2009
Organization: Science Applications International Corporation		
Mailing address: 18912 North Creek Parkway Suite 101		
City: Bothell	State: WA	Zip code: 98011
Phone: (425) 482-3321	Fax: (425) 485-5566	E-mail: catterallp@saic.com

B. Affiliation.

What is the signatory's involvement at the Site? Please check all that apply.

- Customer
- Property Owner
- Consultant
- Attorney
- Other – please specify: _____

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

NORTH 45TH STREET

Sidewalk

MW-6

MW-7

MW-8

New Construction Footprint

Sidewalk

STONE WAY NORTH

Sidewalk

Beso del Sol Restaurant/
Natural Health Clinic

MW-9

MW-10

Parking Lot

Parking Lot (Asphalt)

Big Wheel Auto Parts

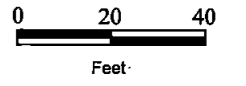
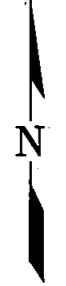
Residence

Residence

Residence

Residence

NORTH ALLEN PLACE



Legend

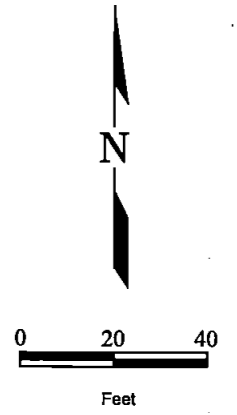
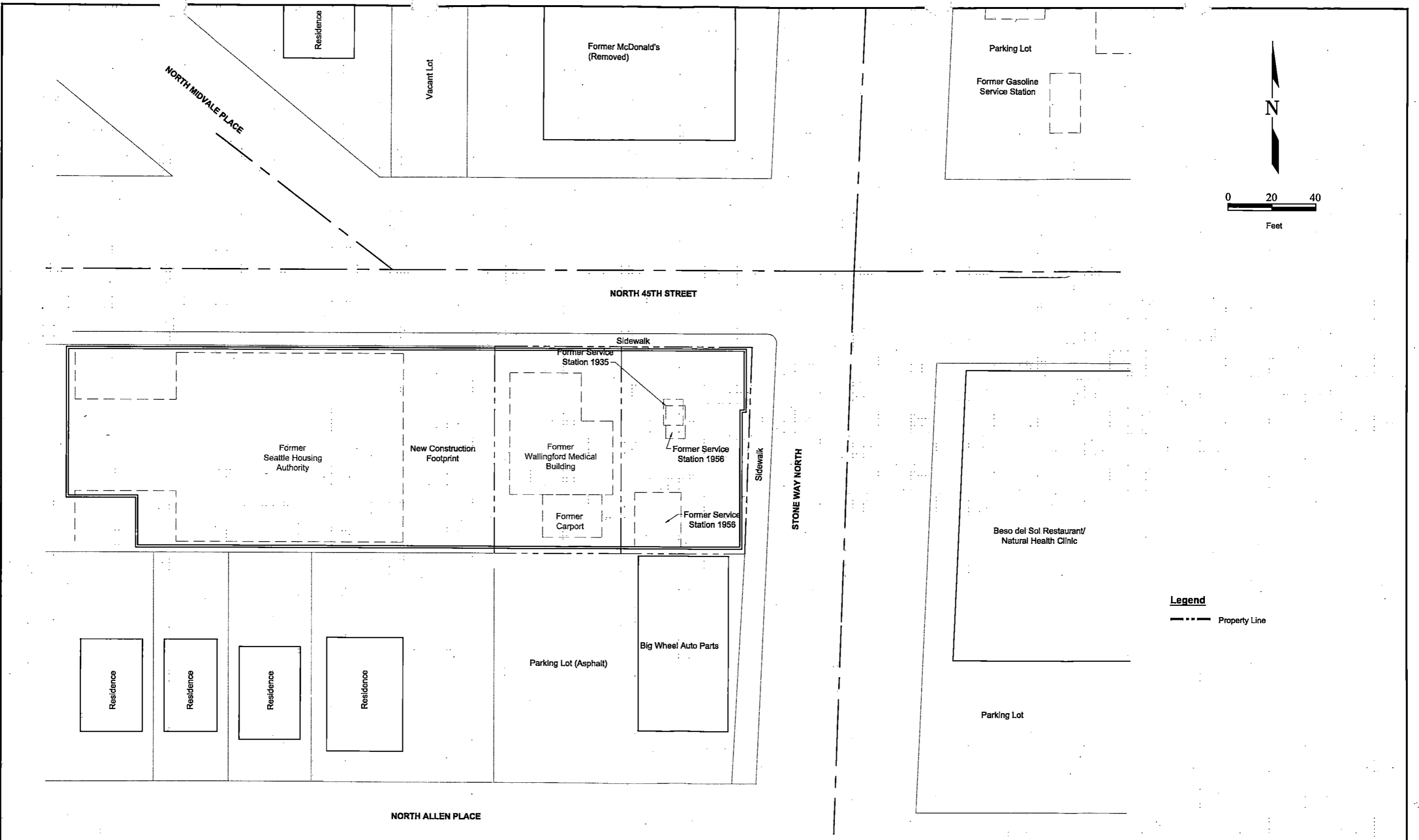
 Groundwater Monitoring Wells



Former Chevron Service Station #20-9335
1225 North 45th Street
Seattle, Washington

FIGURE 1
Site Map

Z:\2004\ChevronTexaco\Hunter Portfolio\04209335 Seattle - 45th\209335_SiteMap-10-11-05.dwg kenevb 03/02/06 - 8:58 A



Legend
 - - - - - Property Line



FORMER CHEVRON SERVICE STATION
 # 20-9335
 1225 NORTH 45TH STREET
 SEATTLE, WASHINGTON


FIGURE 1
HASP SITE MAP

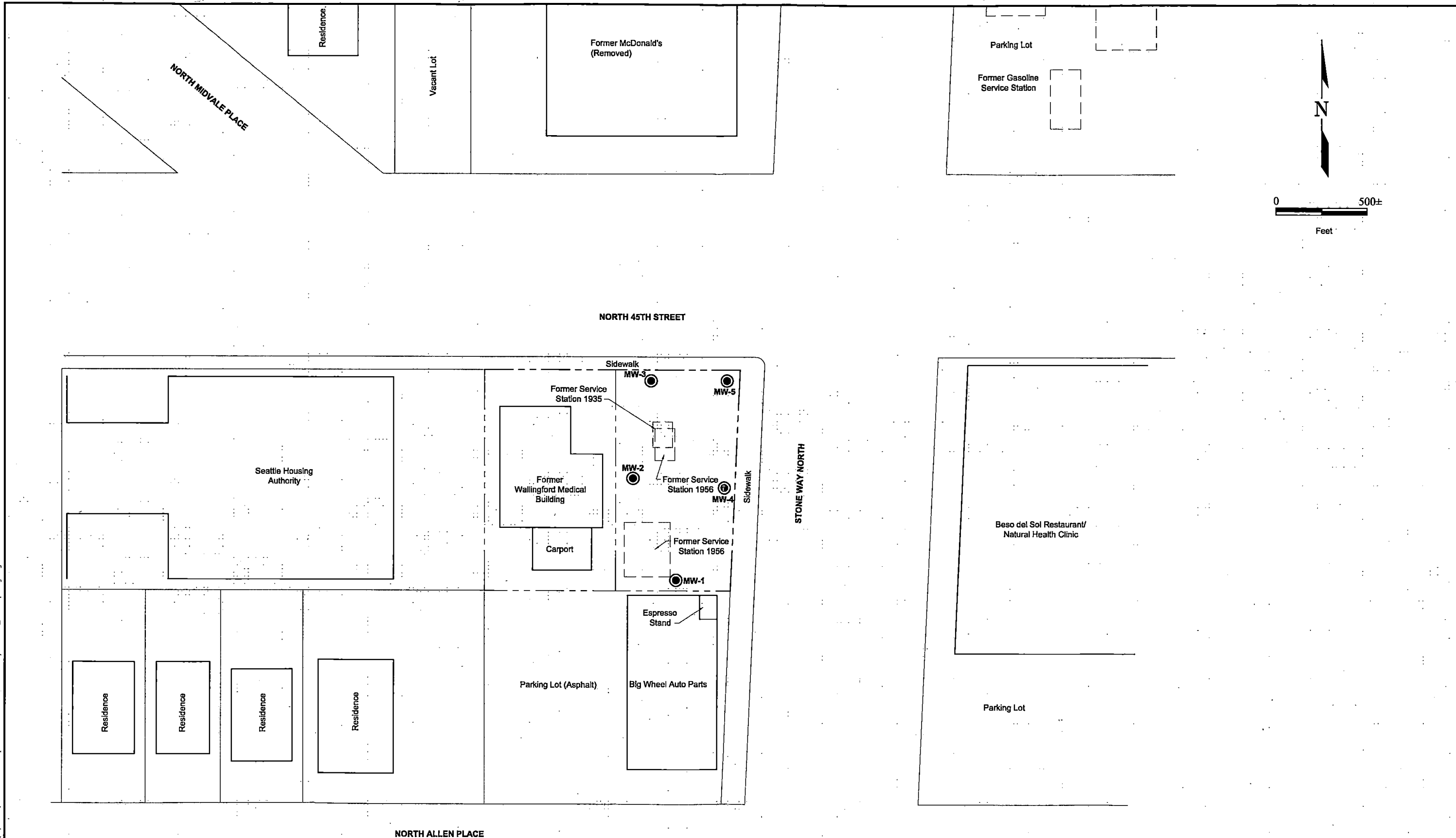
FILE NAME: 209335_SiteMap-10-11-05.dwg DATE: 02/03/2006

10/12/2004
Drawn By E. Long
Path: Caddata on "Bothell-gis" (Z:/2004/ChevronTexaco/04209335 Seattle -- 45th/209335_SiteMap.dwg - Figure 2



Legend

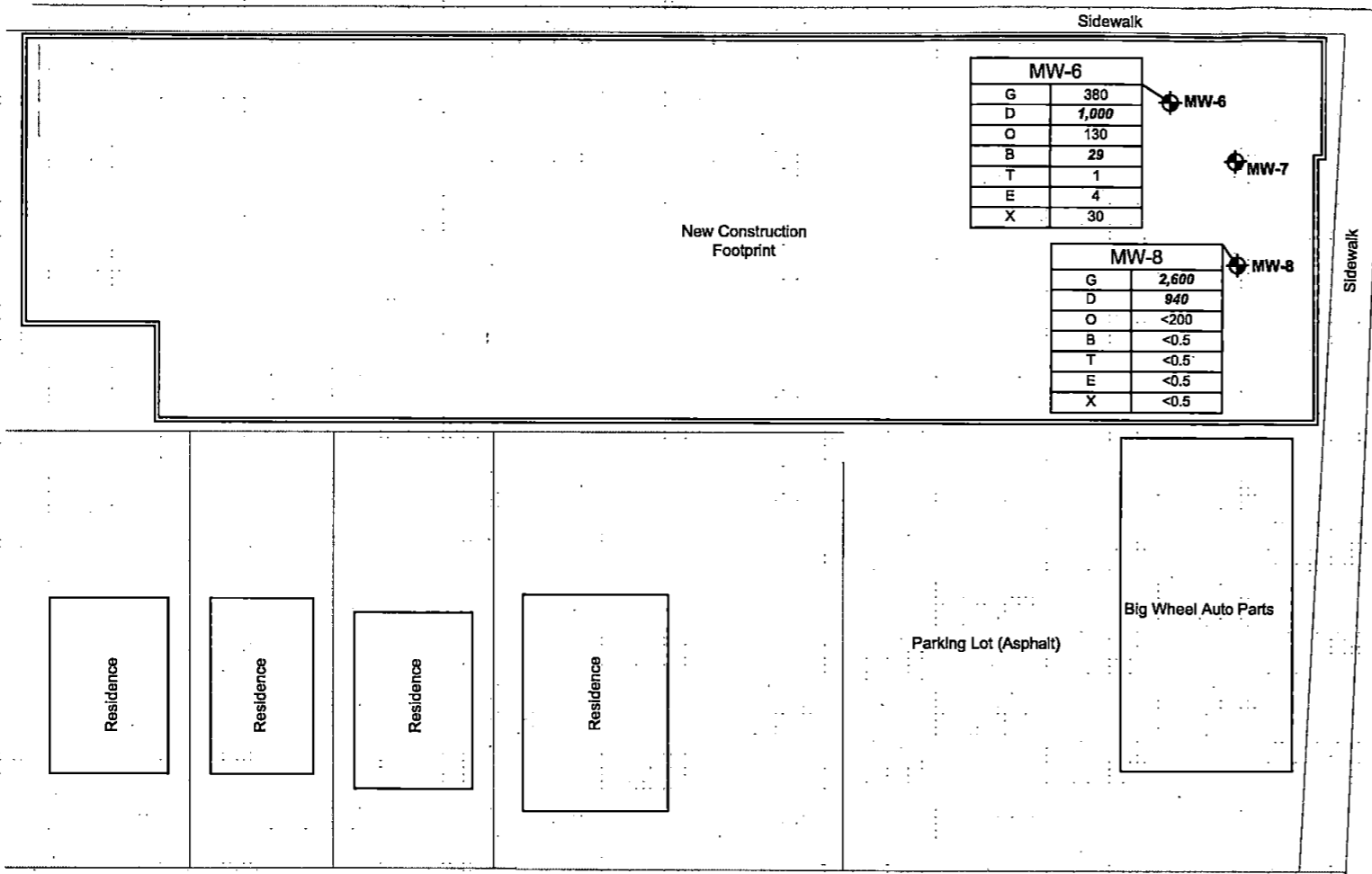
- MW-1  Groundwater Monitoring Well Location
- - - - - Property Line



ChevronTexaco
Former Chevron Service Station
CVX #209335
1225 North 45th Street
Seattle, Washington

FIGURE 2
Site Map

NORTH 45TH STREET

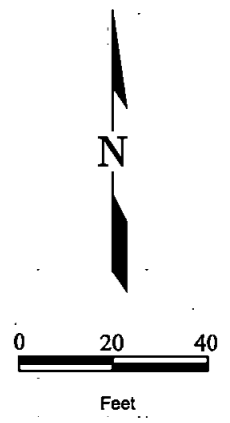


MW-6	
G	380
D	1,000
O	130
B	29
T	1
E	4
X	30

MW-8	
G	2,600
D	940
O	<200
B	<0.5
T	<0.5
E	<0.5
X	<0.5

MW-9	
G	<90
D	<400
O	<500
B	<0.5
T	<0.5
E	4
X	18

MW-10	
G	<50
D	<79
O	<98
B	<0.5
T	<0.5
E	<0.5
X	<0.5



Legend

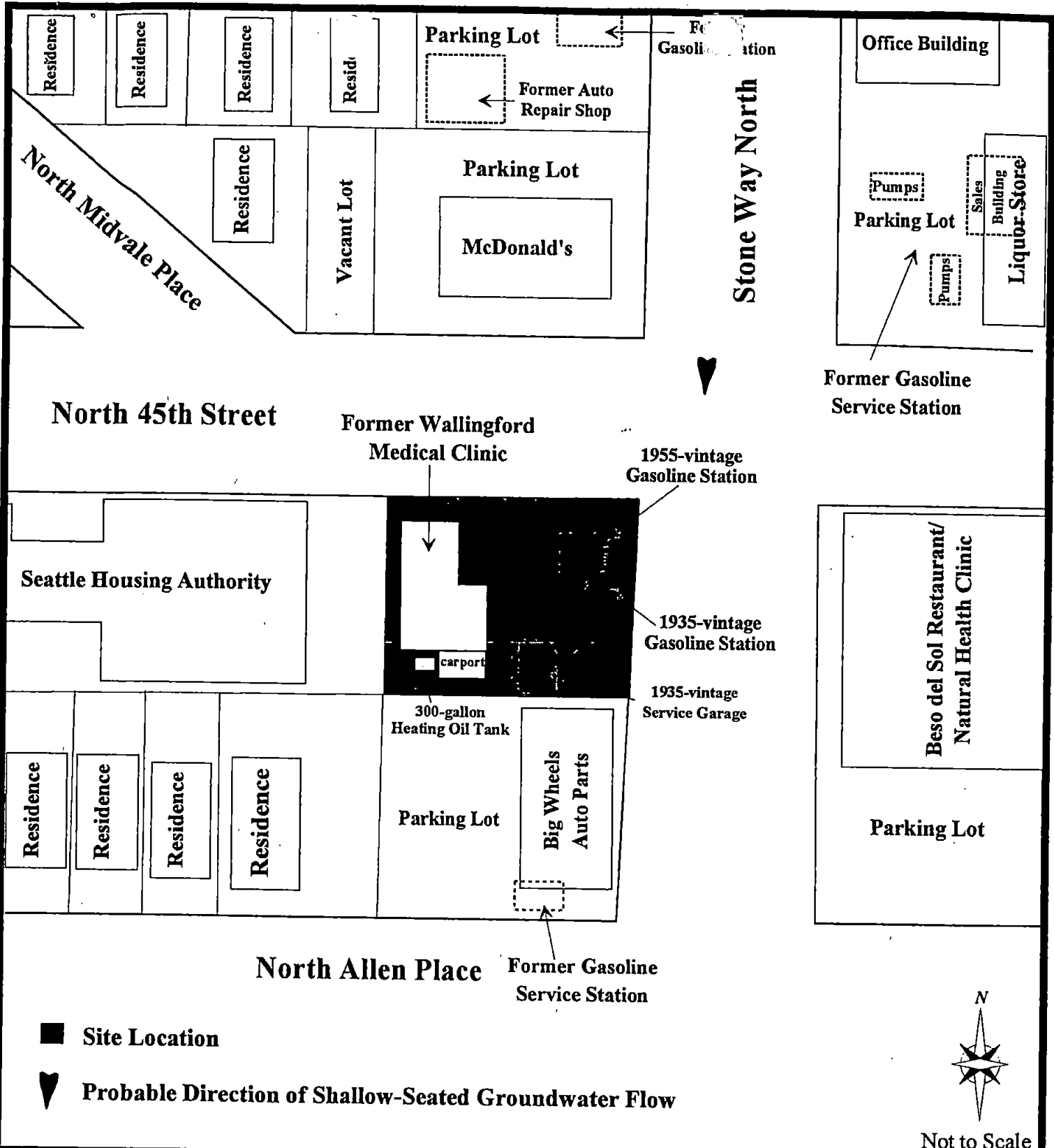
⊕ Groundwater Monitoring Wells

MW-6		Groundwater Monitoring Well ID
G	380	Gasoline-range Hydrocarbon
D	1,000	Diesel-range Hydrocarbon
O	130	Heavy Oil-range Hydrocarbon
B	29	Benzene
T	1	Toluene
E	4	Ethylbenzene
X	30	Total Xylenes

380 (ppb) Concentrations Measured in parts per billion
 <0.5 Not Detected at or Above Laboratory Detection Limits
1,000 Numbers in **Bold** and *italic* Represents Concentrations Above the MTCA Method A Cleanup Levels



	FORMER CHEVRON SERVICE STATION # 20-9335 1225 NORTH 45TH STREET SEATTLE, WASHINGTON	FIGURE 4 Analyte Concentrations in Groundwater
	FILE NAME: 209335_GW.dwg	DATE: 10/18/2007



ENVIRONMENTAL ASSOCIATES, INC.

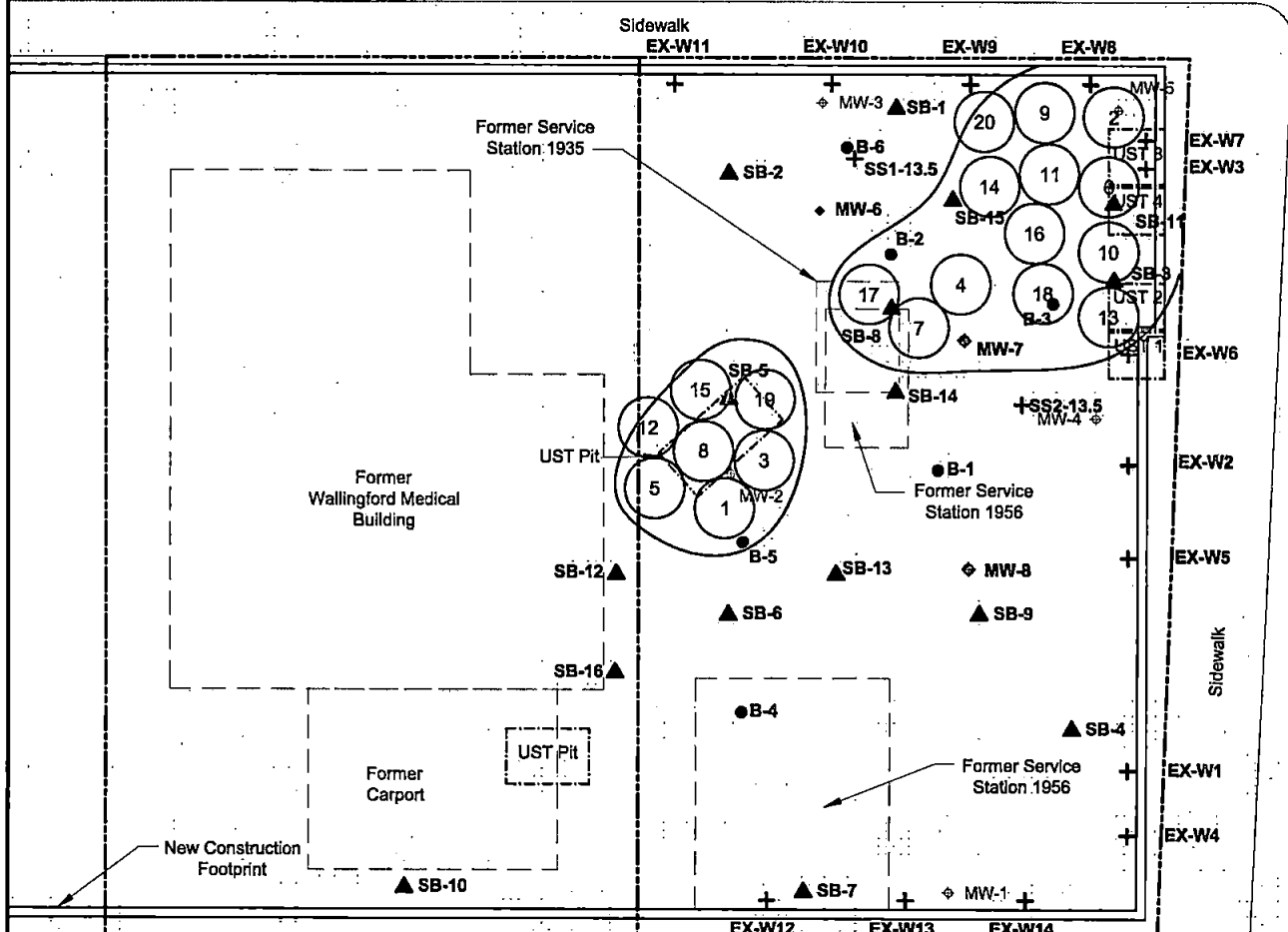
2122 - 112th Avenue N.E., Ste. B-100
Bellevue, Washington 98004

SITE PLAN

Former Chevron Site and
Wallingford Medical Building
1225 North 45th Street
Seattle, Washington

Job Number: JN 9301	Date: August 1999	Plate: 4
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NORTH 45TH STREET



Legend

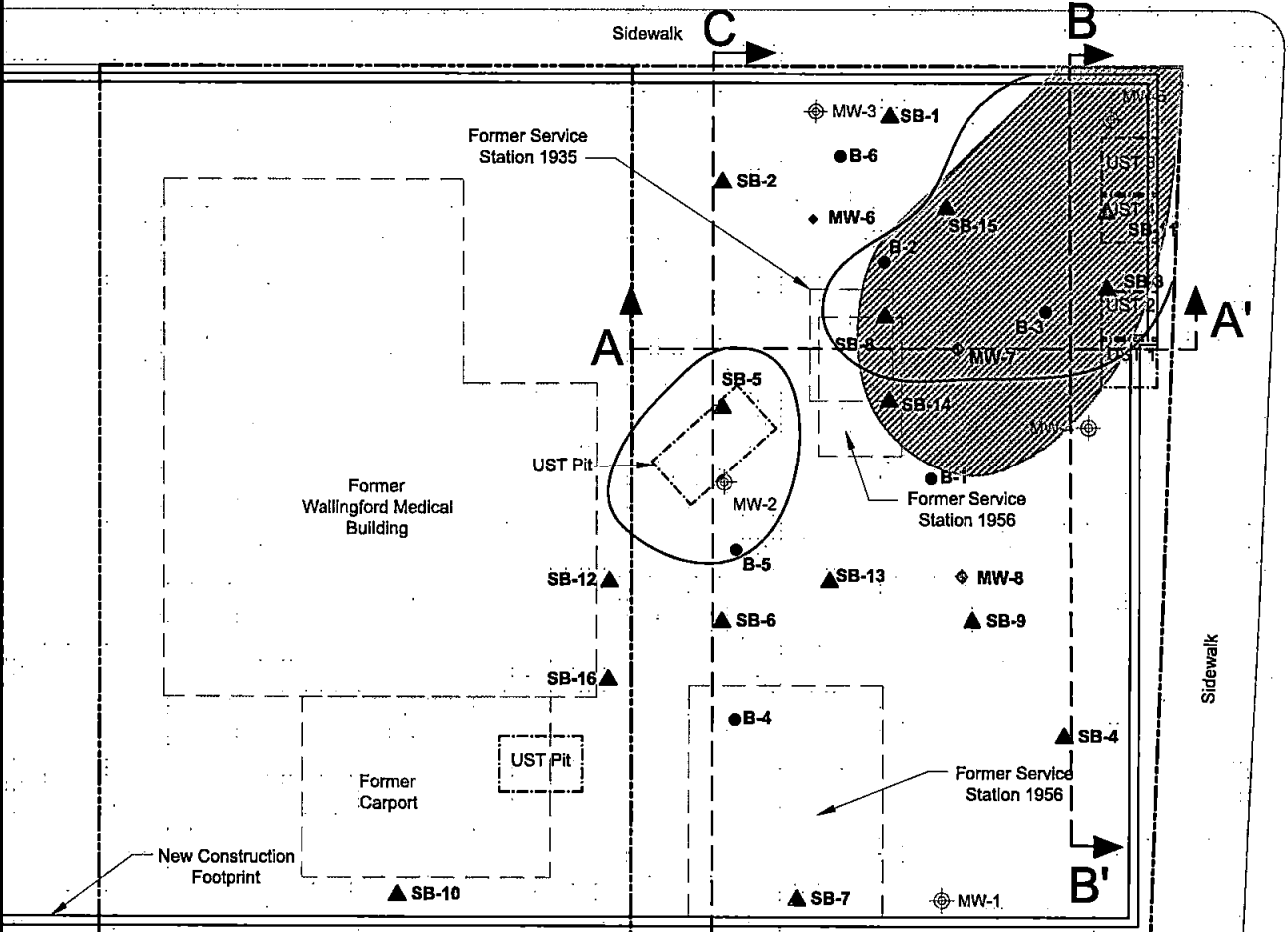
- MW-7 Groundwater Monitoring Well Location
- SB-1 SAIC Soil Boring Location
- B-1 EA Soil Boring Location
- Property Line
- Bucket Auger Locations
- MW-5 Former (Abandoned) Monitoring Wells
- MW-5 + Excavation Sample Locations



FORMER CHEVRON SERVICE STATION
 # 20-9335
 1225 NORTH 45TH STREET
 SEATTLE, WASHINGTON

FIGURE 2-5
SOIL SAMPLE LOCATIONS

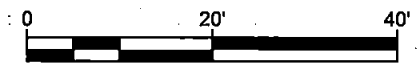
NORTH 45TH STREET



Legend

- MW-7 Groundwater Monitoring Well Location
- SB-1 SAIC Soil Boring Location
- B-1 EA Soil Boring Location
- Excavation Limits
- Property Line
- Bucket Auger Locations

- A - A' Profile A Location and Direction
- B - B' Profile B Location and Direction
- C - C' Profile C Location and Direction
- Shallow Contamination Above MTCA Method A at depths < 18 feet bgs
- MW-5 Former (Abandoned) Monitoring Well



FORMER CHEVRON SERVICE STATION
 # 20-9335
 1225 NORTH 45TH STREET
 SEATTLE, WASHINGTON

FIGURE 2-1
SITE MAP

FILE NAME:
 209335_SiteMap-10-11-05.dwg

DATE:
 04/16/2007

EVCP. REELO:
20-9335 1225 45th Street Seattle, WA

Ownership:

- **Chevron owned property 1935-1978**
 - **1935 Station UST configuration**
 - **1-1,000 UST, 1-550 UST, 1-lift**
 - **1956 Station UST configuration**
 - **1-3,000 UST, 1-2,000 UST, 1-550 UST**
 - **1969 Station and garage removed from property**
- **1978 Property purchased by Seattle Housing Authority**
- **2005 Property sold to Housing Resources Group**
 - **Non-profit arm of Seattle Housing Authority**

Database - UST removed 2/05/01?

NW 1415

20-9335 1225 45th Street Seattle, WA

Remediation Information:

- **Construction excavation removed top 14 - 18' of soil**
- **Parking garage floor improved to provide additional vapor mitigation**
- **20 six foot diameter bucket augers to 45' filled with CDF**
- **Approximately 2,460 tons petroleum impacted soil removed**
- **Post-construction / pre-occupation vapor intrusion testing conducted by Housing Resources Group in addition to extensive modelling**

20-9335 1225 45th Street Seattle, WA

Constraints:

- **Mixed residential / commercial building w/ parking garage over property footprint**
- **Adjacent utilities, foundation tie-backs**
- **Two high-volume traffic roadways adjacent to property**
- **Property owner refuses to allow on-property storage of LNAPL**

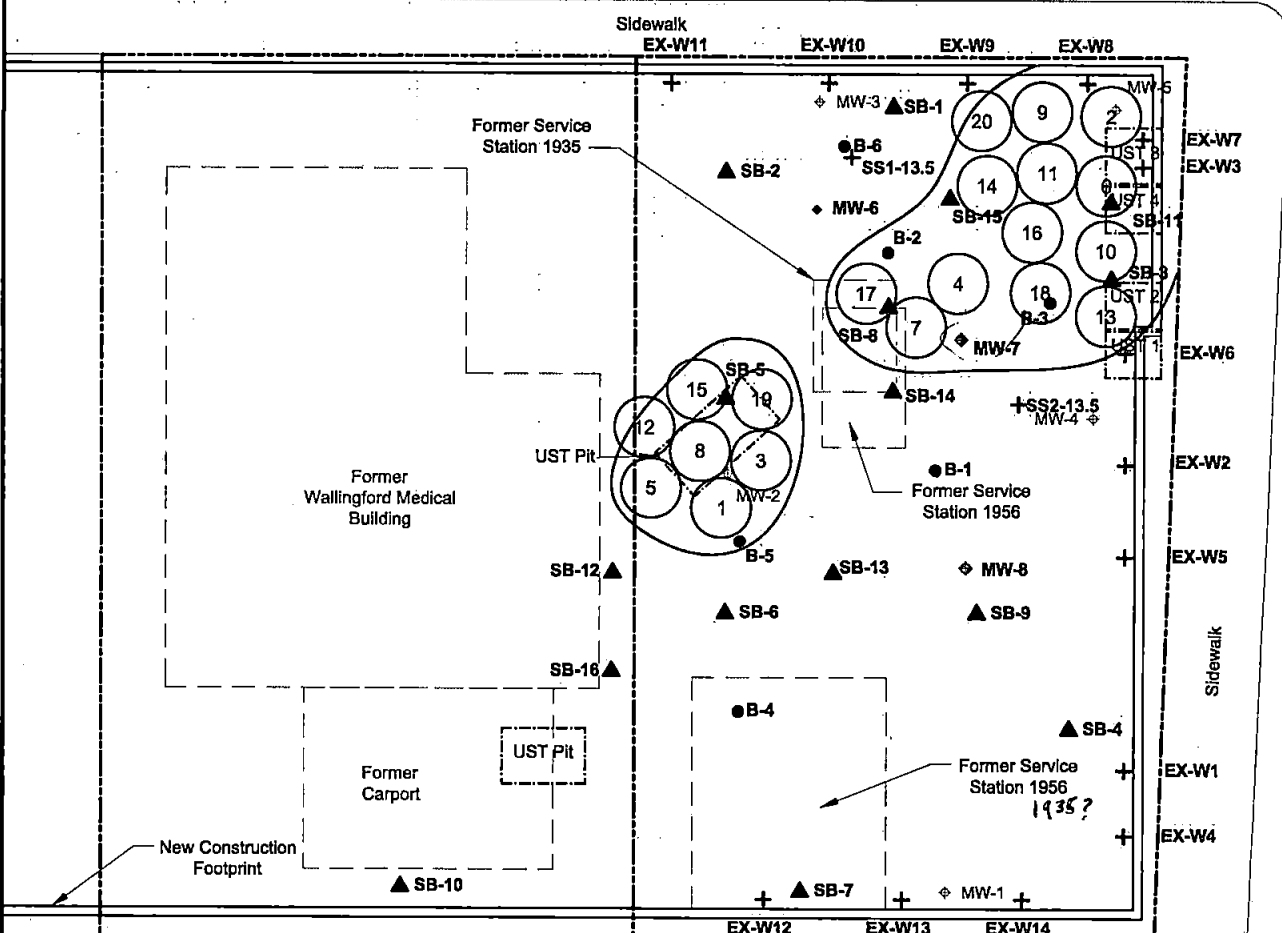
Actions:

- **Workplan to WDOE in 30 days**
 - **Obtain product sample**
 - **Bail-down test and accumulation rate measurements**
- **No additional assessment activities planned**

Former Chevron Service Station No. 20-9335
1255 North 45th Street, Seattle, WA



NORTH 45TH STREET



Legend

MW-7 Groundwater Monitoring Well Location

SB-1 SAIC Soil Boring Location

B-1 EA Soil Boring Location

Property Line

Bucket Auger Locations

MW-5 Former (Abandoned) Monitoring Wells

MW-5 + Excavation Sample Locations



STONE WAY NORTH



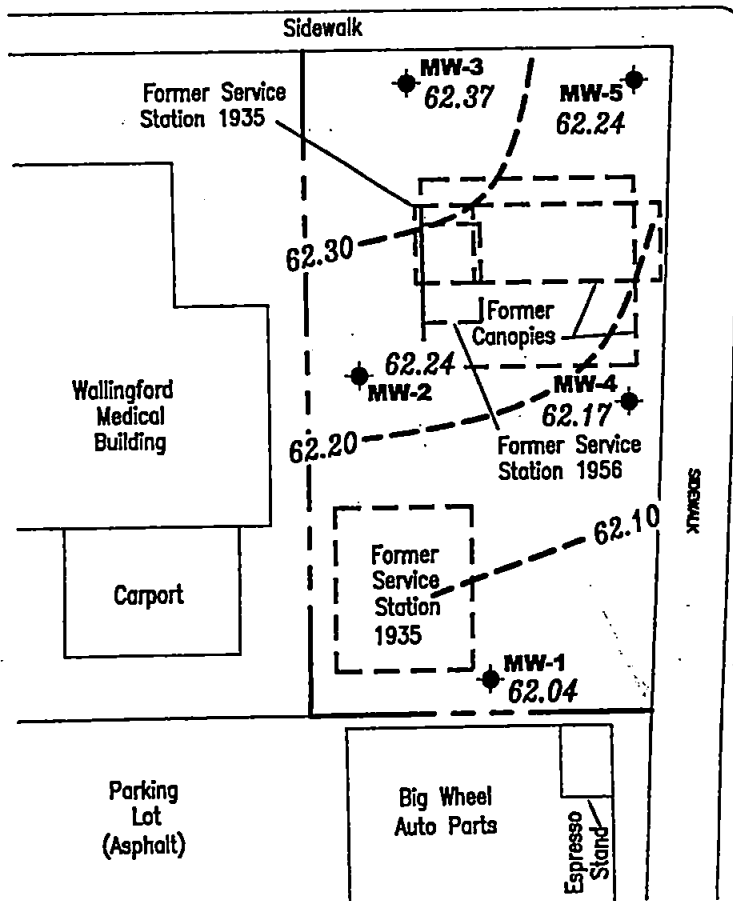
FORMER CHEVRON SERVICE STATION
 # 20-9335
 1225 NORTH 45TH STREET
 SEATTLE, WASHINGTON

FIGURE 2-5
SOIL SAMPLE LOCATIONS

FILE NAME:
 209335_SiteMap-10-11-05.dwg

DATE:
 11/08/08

NORTH 45TH STREET

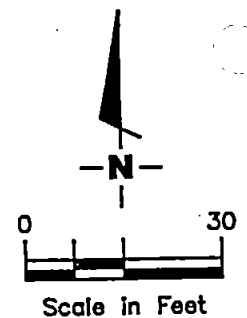


EXPLANATION

- ◆ Groundwater monitoring well
- 99.99 Groundwater elevation in feet referenced to an arbitrary datum
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred.



Approximate groundwater flow direction at a gradient of 0.003 to 0.004 Ft./Ft.



Source: Figure modified from drawing provided by Delta Environmental Consultants, Inc.



Gettler - Ryan Inc.

8747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Former Chevron Service Station #20-9335
1225 North 45th Street
Seattle, Washington

FIGURE

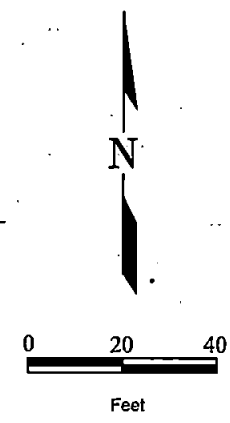
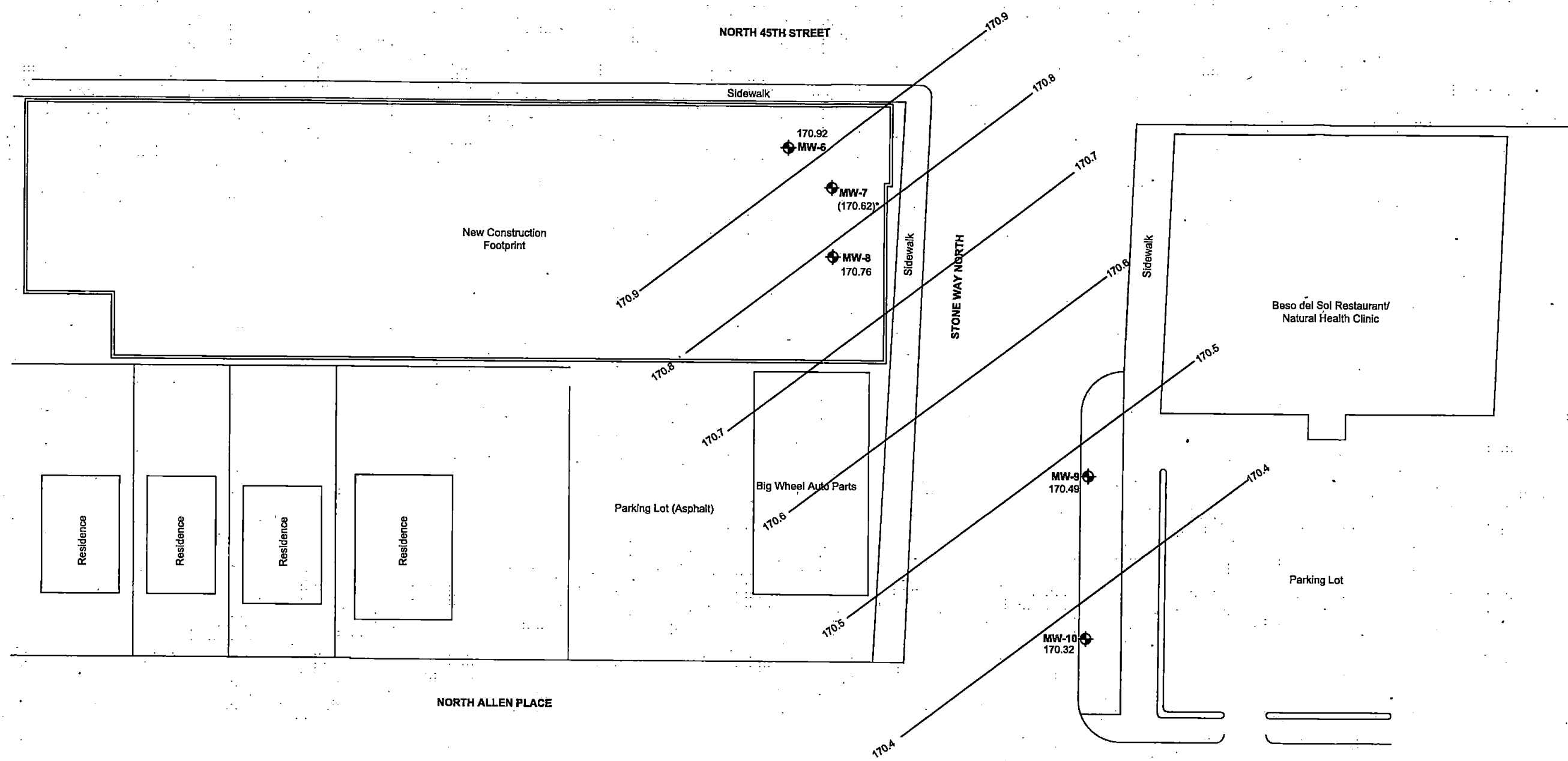
1

PROJECT NUMBER
386750


REVIEWED BY

DATE
December 16, 2000

REVISED DATE



Legend

-  Groundwater Monitoring Wells
- 170.9 — Water Table Contour (170.7 MSL) 0.1 Foot Interval
- 170.92 Groundwater Elevation in Feet
- (170.62)* Groundwater Elevation Not Used in Contour Map. Elevations Calculated Due to LNAPL Content.



FORMER CHEVRON SERVICE STATION # 20-9335 1225 NORTH 45TH STREET SEATTLE, WASHINGTON		FIGURE 3 Groundwater Contours May 2007	
FILE NAME:	209335_GW.dwg	DATE:	10/16/2007