



ENVIRONMENTAL  
PARTNERS INC

295 NE Gilman Blvd., Ste. 201 Issaquah, WA 98027 ph 425.395.0010 fax 425.395.0011

May 12, 2009

SAFeway  
RENTON  
RETURN # 499577

Mr. Jeff Brown  
Safeway Inc.  
4410 Rosewood Drive  
Pleasanton, CA 94588-3429

Re: Ground Water Monitoring Report  
March 2009  
Safeway Store No. 1563  
200 South Third Street  
Renton, Washington

ACA 103 5 3rd.

EPI Project No. 08258.0

Dear Mr. Brown:

Environmental Partners, Inc. (EPI) is pleased to present this March 2009 Ground Water Monitoring Report for the property located at 200 South Third Street in Renton, Washington (site). This work was performed in support of Safeway's ongoing routine monitoring of the site. The general location of the site is shown on Figure 1.

#### Ground Water Sampling Procedures

On March 12, 2009, EPI sampled a total of five monitoring wells (i.e., MW-1, MW-2R, MW-4, MW-7, and MW-8) at the site. Monitoring wells MW-5 and MW-6 were previously removed from the sampling program due to the fact that data from these monitoring wells have previously exhibited four consecutive quarters of contaminant concentrations below the Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Ground Water Cleanup Levels. The observation wells in the underground storage tank cavity (i.e., OW-1 and OW-2) were also eliminated from the monitoring program.

The depth to water and total depths of all monitoring and observation wells were measured using an electronic water level meter. To ensure reproducibility of the data, all measurements were made to the north side of the top surface of the well casing. According to site data collected during this monitoring event, ground water on the eastern portion of the property appears to flow in a general west-northwest direction and the average gradient is approximately 0.0031 feet per foot. Ground water on the western portion of the property appears to flow in a general east-northeast direction and the average gradient is approximately 0.045 feet per foot. This calculated hydraulic regime may be affected by localized surface re-charge. A ground water elevation contour map is included as Figure 2.

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Ground water monitoring wells were purged and sampled with a peristaltic pump using low-flow purging and sampling techniques to minimize sample volatilization and silt uptake. Dedicated tubing was used in each well, and ground water samples were pumped directly into appropriate pre-labeled sample containers at a flow rate of less than 100 milliliters per minute. Approximately three casing volumes were purged from each of the five monitoring wells. Purge water was stored in properly labeled 55-gallon on-site drums pending disposal.

All ground water samples were submitted for analysis of:

- Gasoline-range petroleum hydrocarbons (i.e., GRPH) using the Northwest Total Petroleum Hydrocarbons as Gasoline (NWTPH-Gx) Method; and
- Aromatic fuel compounds [i.e., benzene, toluene, ethylbenzene, total xylenes (BTEX)] by EPA Method 8021B.

Ground water samples from the wells near the potential off-site diesel-range hydrocarbon plume (i.e., MW-1 and MW-7) also were submitted for analysis of:

- Diesel- and oil-range petroleum hydrocarbons (i.e., DRPH and ORPH) using the Northwest Total Petroleum Hydrocarbons as Diesel-Extended (NWTPH-Dx) Method.

Immediately upon collection, pre-labeled ground water sample containers were placed in an iced cooler pending submittal to the analytical laboratory. All samples were transported under standard chain-of-custody protocols to CCI Analytical Laboratories, Inc. (CCI; Everett, WA).

### **Ground Water Sample Petroleum Hydrocarbon Analytical Results**

A summary of petroleum hydrocarbon analytical data is presented in Table 1. Final laboratory analytical reports are included as Attachment A. Figure 3 depicts the dissolved-phase GRPH concentration contours in micrograms per liter ( $\mu\text{g/L}$ ).

Dissolved-phase concentrations of GRPH exceeded the MTCA Method A Ground Water Cleanup Level of 800 micrograms per liter ( $\mu\text{g/L}$ ) (when benzene is present) in only one monitoring well location (MW-1). Samples from monitoring wells MW-7 and MW-8 contained measurable concentrations of GRPH, but at concentrations below the MTCA Method A Ground Water Cleanup Level. Measured GRPH concentrations ranged from 81  $\mu\text{g/L}$  (in MW-8) to 1,900  $\mu\text{g/L}$  (in MW-1). The ground water samples from monitoring wells MW-2R and MW-4 did not contain concentrations of target analytes above their respective Method Detection Limits (MDLs).

Each of the BTEX compounds were detected in the sample from monitoring well MW-1 and benzene was detected at a concentration above the MTCA Method A Ground Water Cleanup Level. BTEX constituents were not detected in any of the other monitoring wells sampled.

Monitoring well MW-1 and MW-7 did not contain concentrations of ORPH or DRPH above their respective MDLs.

Dissolved-phase GRPH concentrations in all monitoring wells appeared to have similar concentrations to previous ground water monitoring events. The quality of ground water appears to be stable in all monitoring wells. The trend in contaminant concentrations will be further evaluated during additional ground water monitoring events as the ground water table experiences seasonal fluctuations.

**Conclusions and Recommendations:**

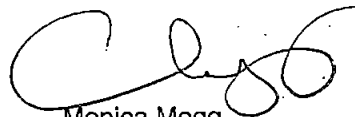
- Dissolved-phase GRPH and benzene concentrations exceed the MTCA Method A Ground Water Cleanup Level in only one monitoring well location (MW-1). The GRPH concentration in this location was consistent with prior ground water monitoring events.
- EPI recommends continued ground water monitoring on a semi-annual basis until all site wells demonstrate an annual cycle of data below applicable MTCA Method A Ground Water Cleanup Levels. At that time EPI will petition Ecology for a No Further Action (NFA) determination for the subject property.

EPI appreciates the opportunity to be of assistance on this project. If you have any questions or comments, please do not hesitate to contact us at (425) 395-0010.

Sincerely,



Thomas C. Morin, L.G.  
Principal



Monica Mogg  
Environmental Scientist

cc: Mr. Bob Blair, Safeway Inc.  
Mr. John Bails, Ecology NWRO

**TABLES**

**Table 1** – Summary of Ground Water Sample Analytical Results: Fuel Hydrocarbons

**FIGURES**

**Figure 1** – General Vicinity Map

**Figure 2** – Ground Water Elevation Contour Map – March 2009

**Figure 3** – Gasoline-Range Petroleum Hydrocarbon Concentration Contour Map – March 2009

**ATTACHMENTS**

**Attachment A** – Analytical Laboratory Reports

**TABLE 1**  
**Summary of Ground Water Sample Analytical Results**  
**Fuel Hydrocarbons**  
**Safeway Store No. 1563, Renton, Washington**  
**EPI Project No. 08258.0**  
**(micrograms/Liter)**

Location	Date	ORPH <sup>(a)</sup>	DRPH <sup>(a)</sup>	GRPH <sup>(b)</sup>	Benzene <sup>(c)</sup>	Toluene <sup>(c)</sup>	Ethyl- benzene <sup>(c)</sup>	Total Xylenes <sup>(c)</sup>	MTBE <sup>(d)</sup>
<b>MW-1</b> Pre-source Removal	7/23/96	<50,000	<25,000	9,800	<5.0	<24	78	101.4	-
	11/14/96	<400	<200	190,000	34	820	340	2,200	-
	3/12/97	<400	<200	43,000	23	300	9	340	-
	6/12/97	<400	<200	100,000	26	12	40	230	-
<b>Post-source</b> Removal	3/21/00	<500	<250	2,200	5	5	22	21	-
	7/19/00	<500	<250	2,000	2	2	13	14	-
	11/3/00	<500	<250	2,100	<5	<5	23	<15	-
	2/14/01	<500	<250	2,100	4	4	23	21	-
	12/4/01	<250	<130	2,300	16	1	19	16	-
	3/5/02	<250	370	2,400	390	18	15	20	-
	6/6/02	<250	<130	2,000	90	5	10	15	<3
	9/17/02	<250	<130	1,800	9	1	13	10	<3
	12/20/02	<250	<130	2,300	<5	<5	7	<15	<15
	3/20/03	<250	<130	2,200	3	<1	12	<3	<3
	9/18/03	<250	<130	1,800	1	2	14	<3	<3
	3/24/04	<250	220	2,100	<5	<5	15	<15	<15
	8/18/04	<250	<130	1,500	<1	<1	8	<3	<3
	3/23/05	<250	<130	2,900	<2	5	14	15	<10
	9/23/05	<250	<130	2,700	<2	3	8	<6	-
	7/27/06	<250	<130	1,400	3	2	5	5	-
	2/22/07	<250	<130	1,400	2	3	6	5	-
	9/21/07	<250	<130	1,400	1	2	7	6	-
	3/20/08	<250	<130	1,800	<1	<1	8	<3	-
	9/3/08	<250	<130	1,200	<1	<1	5	<3	-
	3/12/09	<250	<130	1,900	11	13	18	19	-
<b>MW-2</b> Pre-source Removal	7/23/96	<50,000	<25,000	15,000	<10	<26	220	767	-
	11/14/96	<400	<200	140,000	31	31	<1	990	-
	3/12/97	<400	<200	23,000	22	190	27	330	-
	6/12/97	<400	<200	140,000	59	18	31	580	-
<b>MW-2R</b> Post-source Removal	3/21/00	-	-	11,000	<10	28	34	50	-
	7/19/00	-	-	4,300	<5	40	51	97	-
	11/3/00	-	-	680	<1	<1	2	<3	-
	2/14/01	-	-	2,000	2	2	21	22	-
	12/4/01	-	-	650	2	<1	11	6	-
	3/5/02	-	-	450	7	68	3	3	-
	6/6/02	-	-	150	2	<1	<1	<3	-
	9/17/02	-	-	130	<1	<1	<1	<3	<3
	12/20/02	-	-	130	<1	<1	<1	<3	<3
	3/20/03	-	-	210	<1	<1	<1	<3	<3
	9/18/03	-	-	180	<1	<1	<1	<3	<3
	3/24/04	-	-	110	<1	<1	<1	<3	<3
	8/20/04	-	-	240	<1	<1	12	19	<3
	3/23/05	-	-	920	<1	1	17	19	<3
	9/23/05	-	-	1,500	<1	2	45	61	<3
	7/27/06	-	-	600	<1	<1	12	16	-
	2/22/07	-	-	190	<1	<1	1	<3	-
	9/21/07	-	-	400	<1	<1	9	18	-
	3/20/08	-	-	180	<1	<1	<1	<3	-
	9/3/08	-	-	150	<1	<1	<1	<3	-
	3/12/09	-	-	<50	<1	<1	<1	<3	-
<b>MW-3</b> Pre-source Removal <b>MW-3R</b> Post-source Removal	11/14/96	<400	<200	<100	<1	<1	<1	<1	-
	3/12/97	<400	<200	<100	<1	<1	<1	<1	-
	6/12/97	<400	<200	<100	<1	<1	<1	<1	-
	3/20/00	-	-	<50	<1	<1	<1	<3	-
<b>MW-3R</b> Post-source Removal	7/19/00	-	-	<50	<1	<1	<1	<3	-
	11/3/00	-	-	<50	<1	<1	<1	<3	-

TABLE 1  
Summary of Ground Water Sample Analytical Results  
Fuel Hydrocarbons  
Safeway Store No. 1563, Renton, Washington  
EPI Project No. 08258.0  
(micrograms/Liter)

Location	Date	ORPH <sup>(a)</sup>	DRPH <sup>(a)</sup>	GRPH <sup>(b)</sup>	Benzene <sup>(c)</sup>	Toluene <sup>(c)</sup>	Ethyl- benzene <sup>(c)</sup>	Total Xylenes <sup>(c)</sup>	MTBE <sup>(d)</sup>
MW-4	3/20/00	-	-	<50	<1	<1	<1	△△	-
	7/19/00	-	-	<50	<1	<1	<1	△△	-
	11/3/00	-	-	<50	<1	<1	<1	△△	-
	2/14/01	-	-	<50	<1	<1	<1	△△	-
	12/4/01	-	-	<50	44	8	<1	△△	-
	3/5/02	-	-	<50	320	1	<1	△△	-
	6/6/02	-	-	<50	30	<1	<1	△△	△
	9/17/02	-	-	<50	<1	<1	<1	△△	△△
	12/20/02	-	-	<50	<1	<1	<1	△△	△△
	3/20/03	-	-	<50	<1	<1	<1	△△	△△
	9/18/03	-	-	<50	<1	<1	<1	△△	△△
	3/24/04	-	-	<50	<1	<1	<1	△△	△△
	8/18/04	-	-	<50	<1	<1	<1	△△	△△
	3/23/05	-	-	<50	<1	<1	<1	△△	△△
	9/23/05	-	-	<50	<1	<1	<1	△△	△△
	7/27/06	-	-	<50	<1	<1	<1	△△	△△
	2/22/07	-	-	<50	<1	<1	<1	△△	△△
	9/21/07	-	-	<50	<1	<1	<1	△△	△△
MW-5	3/20/08	-	-	<50	<1	<1	<1	△△	-
	9/3/08	-	-	<50	<1	<1	<1	△△	-
	3/12/09	-	-	<50	<1	<1	<1	△△	-
	3/21/00	-	-	<50	<1	<1	<1	△△	-
	7/19/00	-	-	<50	<1	<1	<1	△△	-
	11/3/00	-	-	<50	<1	<1	<1	△△	-
	2/14/01	-	-	<50	<1	<1	<1	△△	-
	12/4/01	-	-	<50	<1	<1	<1	△△	-
	3/5/02	-	-	<50	<1	17	<1	△△	-
	6/6/02	-	-	<50	<1	<1	<1	△△	△
MW-6	9/17/02	-	-	<50	<1	<1	<1	△△	△△
	12/20/02	-	-	<50	<1	<1	<1	△△	△△
	3/20/03	-	-	<50	<1	<1	<1	△△	△△
	3/21/00	<500	<250	<50	<1	<1	<1	△△	-
	7/19/00	<500	<250	<50	<1	<1	<1	△△	-
	11/3/00	<500	<250	<50	<1	<1	<1	△△	-
	2/14/01	<500	<250	<50	<1	<1	<1	△△	-
MW-7	12/4/01	<250	<130	<50	15	2	<1	△△	-
	3/5/02	<250	200	<50	20	<1	<1	△△	-
	6/6/02	<250	<130	<50	3	<1	<1	△△	△
	9/17/02	<250	<130	<50	1	<1	<1	△△	△△
	12/20/02	<250	<130	<50	<1	<1	<1	△△	△△
	3/20/03	<250	260	<50	<1	<1	<1	△△	△△
	3/21/00	<500	<250	550	<1	<1	<1	△△	-
	7/19/00	<500	<250	220	<1	<1	<1	△△	-
	11/3/00	<500	<250	300	<1	<1	<1	△△	-
	2/14/01	<500	<250	340	<1	<1	2	△△	-
MW-7	12/4/01	<250	<130	150	12	<1	<1	△△	-
	3/5/02	<250	230	240	45	3	<1	△△	-
	6/6/02	<250	<130	600	50	<1	2	△△	△
	9/17/02	<250	<130	780	6	<1	1	△△	△△
	12/20/02	<250	<130	320	<1	<1	<1	△△	△△
	3/20/03	<250	<130	460	<1	<1	<1	△△	△△
	9/18/03	<250	<130	560	<1	<1	1	△△	△△
	3/24/04	<250	<130	400	<1	<1	1	△△	△△
	8/18/04	<250	<130	510	<1	<1	<1	△△	△△
	3/23/05	<250	<130	480	<1	<1	<1	△△	△△
	9/23/05	<250	<130	580	<1	<1	<1	△△	△△
	7/27/06	<250	<130	410	<1	<1	<1	△△	△△
	2/22/07	<250	<130	190	<1	<1	<1	△△	△△
	9/21/07	<250	<130	190	<1	<1	<1	△△	△△
	3/20/08	<250	<130	120	<1	<1	<1	△△	-
	9/3/08	<250	<130	210	<1	<1	<1	△△	-
	3/12/09	<250	<130	130	<1	<1	<1	△△	-

**TABLE 1**  
**Summary of Ground Water Sample Analytical Results**  
**Fuel Hydrocarbons**  
**Safeway Store No. 1563, Renton, Washington**  
**EPI Project No. 08258.0**  
**(micrograms/Liter)**

Location	Date	ORPH <sup>(a)</sup>	DRPH <sup>(a)</sup>	GRPH <sup>(b)</sup>	Benzene <sup>(c)</sup>	Toluene <sup>(c)</sup>	Ethyl- benzene <sup>(c)</sup>	Total Xylenes <sup>(c)</sup>	MTBE <sup>(d)</sup>
MW-8	3/21/00	-	-	2,900	<5	9	<5	<15	-
	7/19/00	-	-	7,800	<10	<10	15	<30	-
	11/3/00	-	-	270	<1	<1	<1	<3	-
	2/14/01	-	-	430	<1	<1	2	<3	-
	12/4/01	-	-	69	15	2	<1	<3	-
	3/5/02	-	-	260	47	45	<1	<3	-
	6/6/02	-	-	320	9	<1	1	<3	<3
	9/17/02	-	-	290	<1	<1	<1	<3	<3
	12/20/02	-	-	170	<1	<1	<1	<3	<3
	3/20/03	-	-	150	<1	<1	<1	<3	<3
	9/18/03	-	-	230	<1	<1	<1	<3	<3
	3/24/04	-	-	340	<1	<1	<1	<3	<3
	8/18/04	-	-	240	<1	<1	<1	<3	<3
	3/23/05	-	-	220	<1	<1	<1	<3	<3
	9/23/05	-	-	120	<1	<1	<1	<3	-
	7/27/06	-	-	84	<1	<1	<1	<3	-
	2/22/07	-	-	<50	<1	<1	<1	<3	-
	9/21/07	-	-	200	<1	<1	<1	<3	-
	3/20/08	-	-	60	<1	<1	<1	<3	-
	9/3/08	-	-	70	<1	<1	<1	<3	-
	3/12/09	-	-	81	<1	<1	<1	<3	-
OW-1	3/12/02	-	-	1,800	900	590	13	150	<10 <sup>(e)</sup>
	6/6/02	DRY							
	9/17/02	DRY							
	12/20/02	-	-	<50	<1	<1	<1	<3	<3
	3/20/03	-	-	<50	<1	<1	<1	<3	<3
	9/18/03	-	-	-	-	-	-	-	-
	3/24/04	-	-	-	-	-	-	-	-
	8/18/04	DRY							
OW-2	3/12/02	-	-	2,600	1600	740	<10	230	<20 <sup>(e)</sup>
	6/6/02	-	-	<50	<1	<1	<1	<3	<3
	9/17/02	DRY							
	12/20/02	-	-	<50	<1	<1	<1	<3	<3
	3/20/03	-	-	<50	<1	<1	<1	<3	<3
	9/18/03	-	-	-	-	-	-	-	-
	3/24/04	-	-	-	-	-	-	-	-
	8/18/04	DRY							
MTCA Method A Cleanup Levels		500	500	1,000/800 <sup>(f)</sup>	5	1,000	700	1,000	20

**Notes:**

All samples submitted to CCI Analytical Laboratories, Inc. (Everett, WA) for analysis.

Samples collected in 1996 and 1997 were analyzed using Ecology Methods WTPH-Dx, WTPH-G, and EPA Method 8021 by ARI Analytical Laboratories, Inc. (Seattle, WA).

Sample results for monitoring wells MW-2R and MW-3R in 1996 and 1997 were actually collected from MW-2 5/12/09 the same locations.

(a) Analyzed using Ecology Method NWTPH-Dx.

(b) Analyzed using Ecology Method NWTPH-Gx.

(c) Analyzed using EPA Method 8021.

(d) Methyl tertiary-butyl ether (MTBE) analyzed by EPA Method 8021.

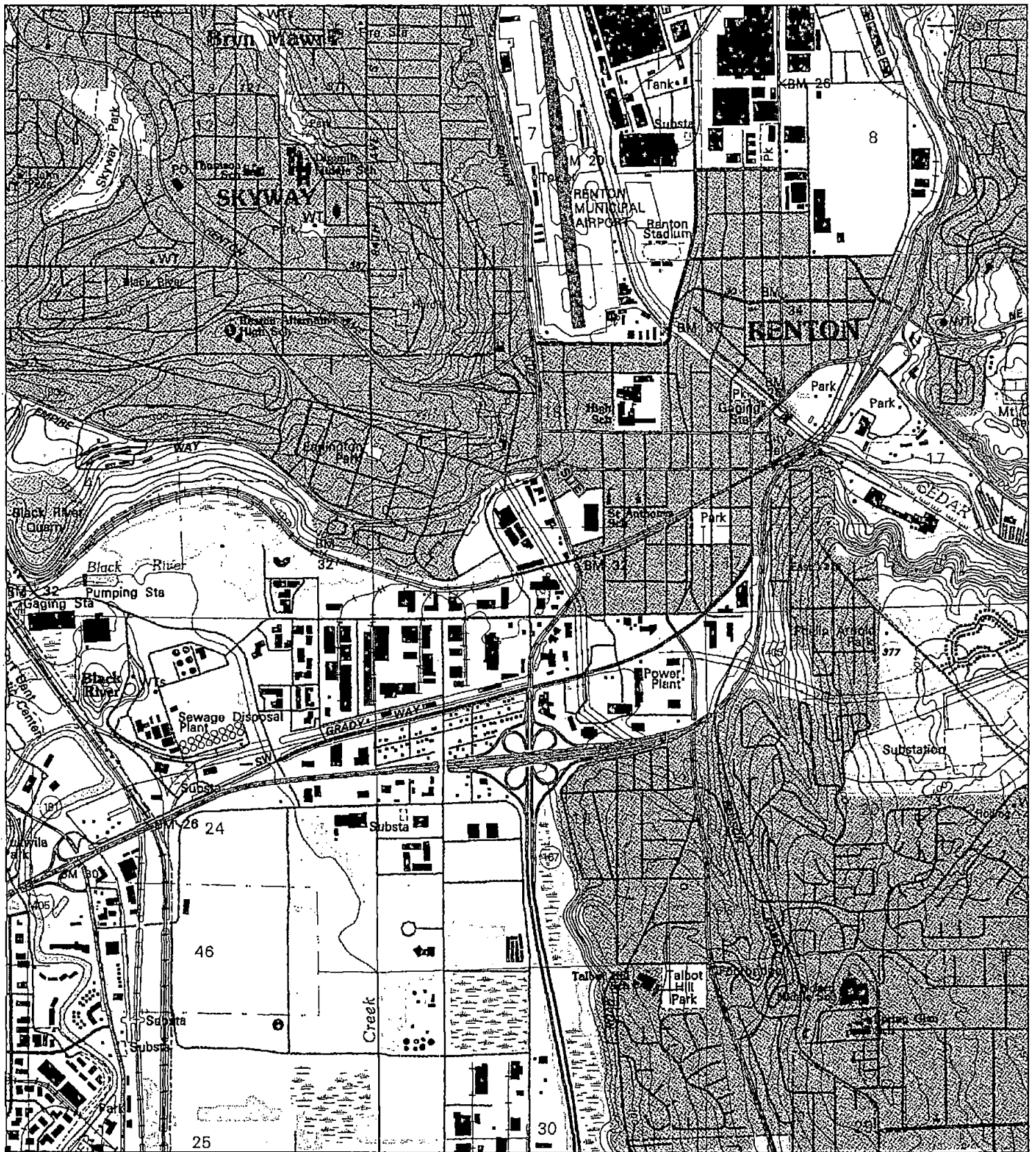
(e) MTBE detection further quantified by EPA Method 8260.

(f) 1,000 µg/L if no benzene is present in ground water; 800 µg/L if benzene present in water.

"-" = not analyzed.

**BOLD** values indicate concentrations that exceed the former MTCA Method A Cleanup Level.

Dashed lines correspond to the time of source removal (Interim Remedial Action, 1999).



KEY:



SOURCE: USGS 7.5 MINUTE QUADRANGLE  
(TOPOGRAPHIC)

RENTON, WA  
1949

REVISED 1994

SCALE = 1:24,000



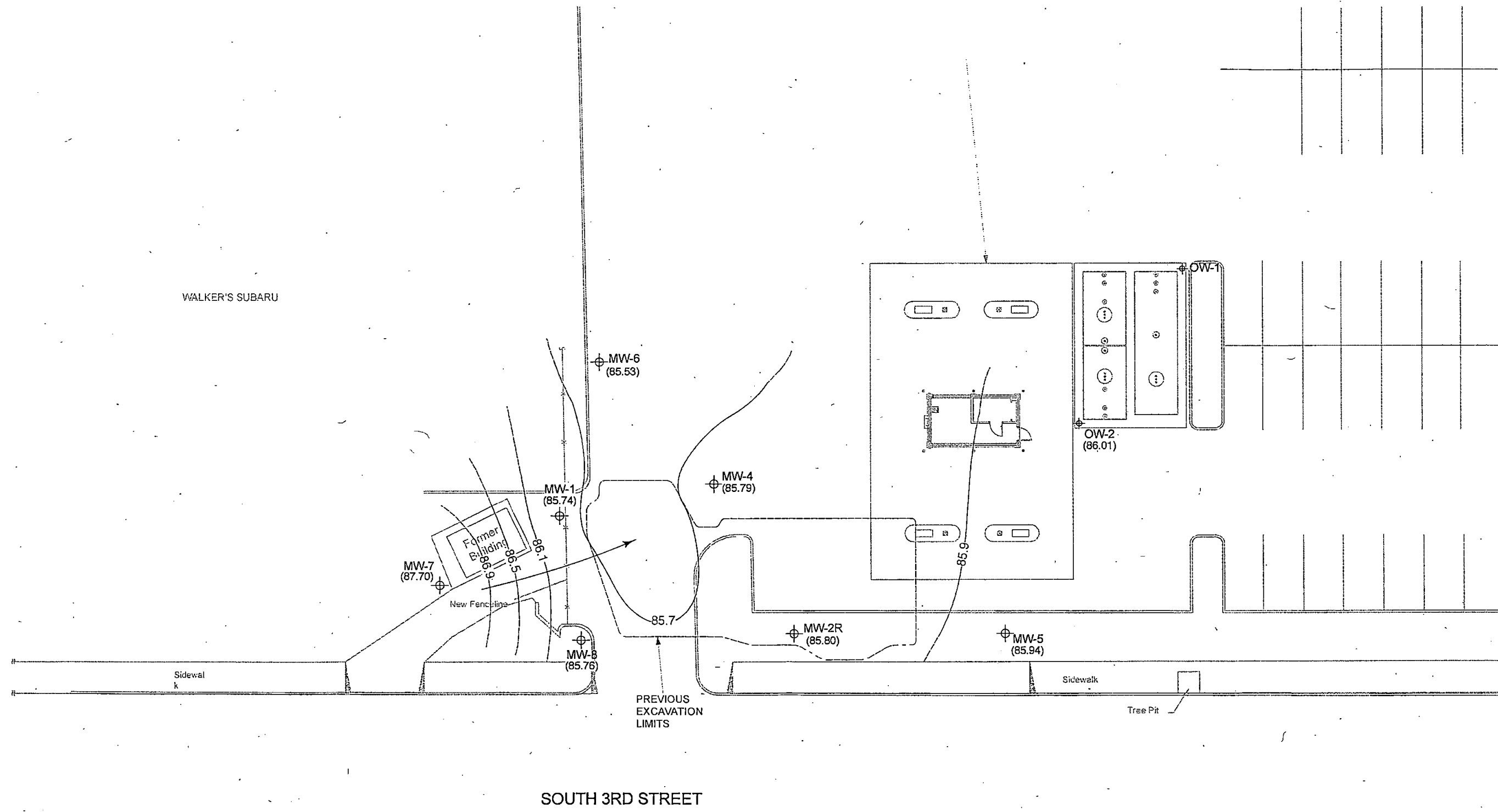
**ENVIRONMENTAL  
PARTNERS INC**

295 NE Gilman Boulevard, Suite 201  
Issaquah, Washington 98027

FIGURE 1

GENERAL VICINITY MAP

PROJECT	08258.0		
PREPARED FOR	SAFEWAY, INC.		
LOCATION	200 SOUTH THIRD STREET RENTON, WASHINGTON		
SHEET 1 of 1	DRAWN BY MMM	REVIEWED BY TM	DATE 03/00/99



KEY:

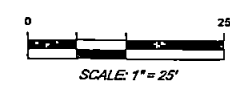


GROUND WATER ELEVATION CONTOUR, DASHED WHERE INFERRED



MONITORING WELL WITH GROUND WATER ELEVATION DATA IN FEET

GROUND WATER FLOW DIRECTION

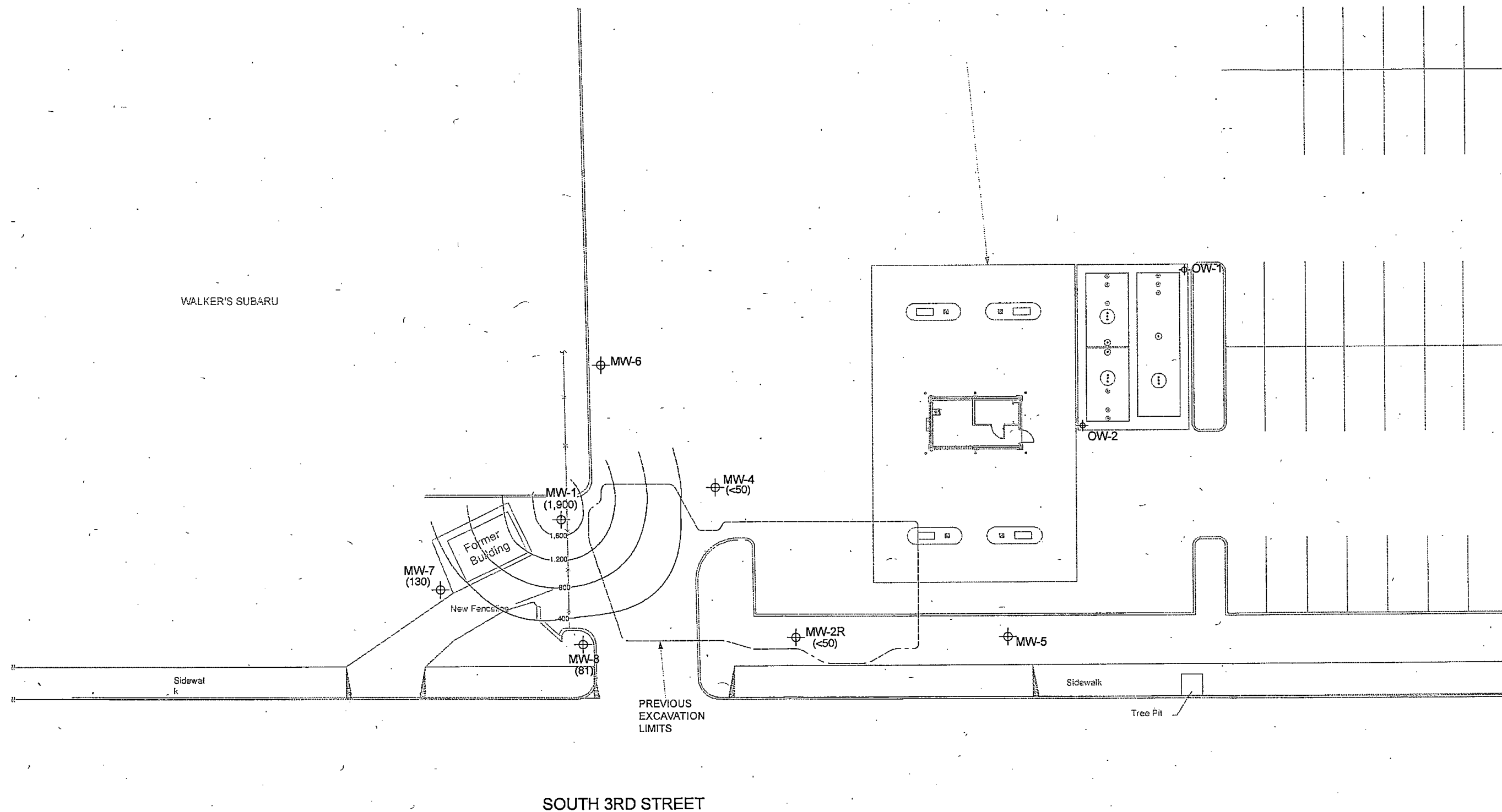


**epi ENVIRONMENTAL PARTNERS INC**  
 295 NE Gilman Boulevard, Suite 201  
 Issaquah, Washington 98027

FIGURE 2  
 GROUND WATER ELEVATION CONTOUR  
 MAP - MARCH 2009

PROJECT	09258.0		
PREPARED FOR	SAFEWAY, INC.		
LOCATION	200 S. THIRD STREET RENTON, WASHINGTON		
SHEET 1 of 1	DRAWN BY MMM	REVIEWED BY JDB	DATE 03/30/09





KEY:



0 25  
SCALE: 1" = 25'

GRPH CONCENTRATION CONTOUR IN MICROGRAMS PER LITER, DASHED WHERE INFERRED

MW-4 (<50) MONITORING WELL LOCATION WITH GRPH CONCENTRATION IN MICROGRAMS PER LITER



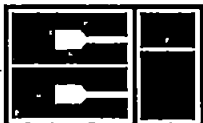
**ENVIRONMENTAL  
PARTNERS INC**  
295 NE Gilman Boulevard, Suite 201  
Issaquah, Washington 98027

FIGURE 3

GASOLINE-RANGE PETROLEUM HYDROCARBON  
CONCENTRATION CONTOUR MAP - MARCH 2009

<b>PROJECT</b>	08258.0			
<b>PREPARED FOR</b>	SAFEWAY, INC.			
<b>LOCATION</b>	200 S. THIRD STREET RENTON, WASHINGTON			
<b>SHEET</b> 1 of 1	<b>DRAWN BY</b> MMM	<b>REVIEWED BY</b> JDB	<b>DATE</b> 03/30/09	

## **Attachment A**



CCI  
ANALYTICAL  
LABORATORIES  
A Division of DataChem Laboratories, Inc.



CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.  
295 NE GILMAN BLVD. SUITE 201  
ISSAQUAH, WA 98027

DATE: 3/20/2009  
CCIL JOB #: 0903083  
DATE RECEIVED: 3/13/2009  
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: JOSH BERNTHAL  
CLIENT PROJECT ID: 08258.0  
CLIENT SAMPLE ID: 3/12/2009 9:16 MW-7  
CCIL SAMPLE #: -01

DATA RESULTS

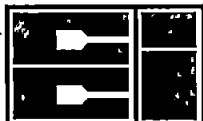
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	130	UG/L	3/18/2009	DLC
Benzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Toluene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	3/18/2009	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	3/16/2009	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	3/16/2009	EBS

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY EXTREMELY WEATHERED GASOLINE OR SIMILAR PRODUCT.

\*ND\* INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

\*\* UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

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WDOE ACCREDITATION #: C1336

CLIENT CONTACT: JOSH BERNTHAL  
CLIENT PROJECT ID: 08258.0  
CLIENT SAMPLE ID: 3/12/2009 9:44 MW-8  
CCIL SAMPLE #: -02

### DATA RESULTS

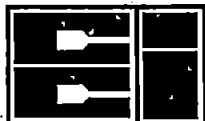
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	81	UG/L	3/18/2009	DLC
Benzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Toluene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	3/18/2009	DLC

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WDOE ACCREDITATION #: C1336

CLIENT CONTACT: JOSH BERNTHAL  
CLIENT PROJECT ID: 08258.0  
CLIENT SAMPLE ID: 3/12/2009 10:03 MW-2R  
CCIL SAMPLE #: -03

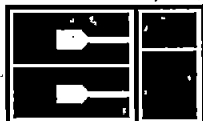
### DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	3/18/2009	DLC
Benzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Toluene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	3/18/2009	DLC

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DATE RECEIVED: 3/13/2009  
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: JOSH BERNTHAL  
CLIENT PROJECT ID: 08258.0  
CLIENT SAMPLE ID: 3/12/2009 10:26 MW-4  
CCIL SAMPLE #: -04

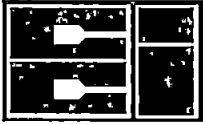
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	3/18/2009	DLC
Benzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Toluene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	3/18/2009	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	3/18/2009	DLC

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CLIENT CONTACT: JOSH BERNTHAL  
CLIENT PROJECT ID: 08258.0  
CLIENT SAMPLE ID: 3/12/2009 10:51 MW-1  
CCIL SAMPLE #: -05

DATA RESULTS

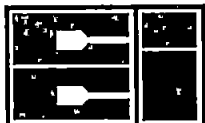
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	1900	UG/L	3/19/2008	DLC
Benzene	EPA-8021	11	UG/L	3/19/2009	DLC
Toluene	EPA-8021	13	UG/L	3/19/2009	DLC
Ethylbenzene	EPA-8021	18	UG/L	3/19/2009	DLC
Xylenes	EPA-8021	19	UG/L	3/19/2009	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	3/17/2009	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	3/17/2009	EBS

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CLIENT PROJECT ID: 08258.0

### QUALITY CONTROL RESULTS

#### SURROGATE RECOVERY

CCIL SAMPLE ID	METHOD	SUR ID	% RECV
0903083-01	NWTPH-GX	TFT	78
0903083-01	EPA-8021	TFT	81
0903083-01	NWTPH-DX	C25	108
0903083-02	NWTPH-GX	TFT	90
0903083-02	EPA-8021	TFT	90
0903083-03	NWTPH-GX	TFT	93
0903083-03	EPA-8021	TFT	93
0903083-04	NWTPH-GX	TFT	93
0903083-04	EPA-8021	TFT	94
0903083-05	NWTPH-GX	TFT	111
0903083-05	EPA-8021	TFT	115
0903083-05	NWTPH-DX	C25	106

APPROVED BY: