

Now ENVIRONMENTAL SERVICES, INC.
Environmental Consulting & Compliance

December 30th, 2009

Charles M. Farnsworth
3702 South Fife Street
Tacoma, WA 98409
(253) 627-5116 – office
(253) 320-2090 – fax

RE: Soil Sampling at Midland Auto Wrecking
Laboratory Results

Mr. Farnsworth:

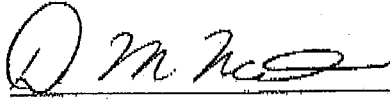
Please find enclosed laboratory results from soil sampling at Midland Auto Wrecking. Cadmium was found in each of the six borings, in excess of the Washington State Model Toxics Control Act (MTCA) threshold cleanup levels. Elevated levels of lead were identified in two of the borings. Elevated levels of motor oil were also identified in two of the borings. Locations of the borings and associated contaminant levels are presented on the enclosed site sketch. Within each circle on the site sketch the contaminant and associated absolute number, in parts per million (ppm), are depicted for that boring location; only those levels exceeding MTCA are depicted. There are also elevated levels of chromium which may require additional analysis.

The scope of work for this modified Level II Environmental Site Assessment includes six surficial soil borings to a depth of 6 inches below ground level (BGL). This procedure should provide information as to whether there is any subsurface soil contamination in the wrecking yard. Samples were sent to Spectra Laboratories of Tacoma, an EPA-approved laboratory, to analyze soils for metals and total petroleum hydrocarbon contamination.

Laboratory tests included MTCA 5 metals analysis which tests for cadmium, chromium, arsenic, lead & mercury. HCID (hydrocarbon identification) analysis was used to determine if petroleum products are present. All hits on the HCID analyses were followed up with NWTPH analyses which quantify the amount of petroleum in the sample.

Let us know if you have any questions.


Walt Fich
project manager

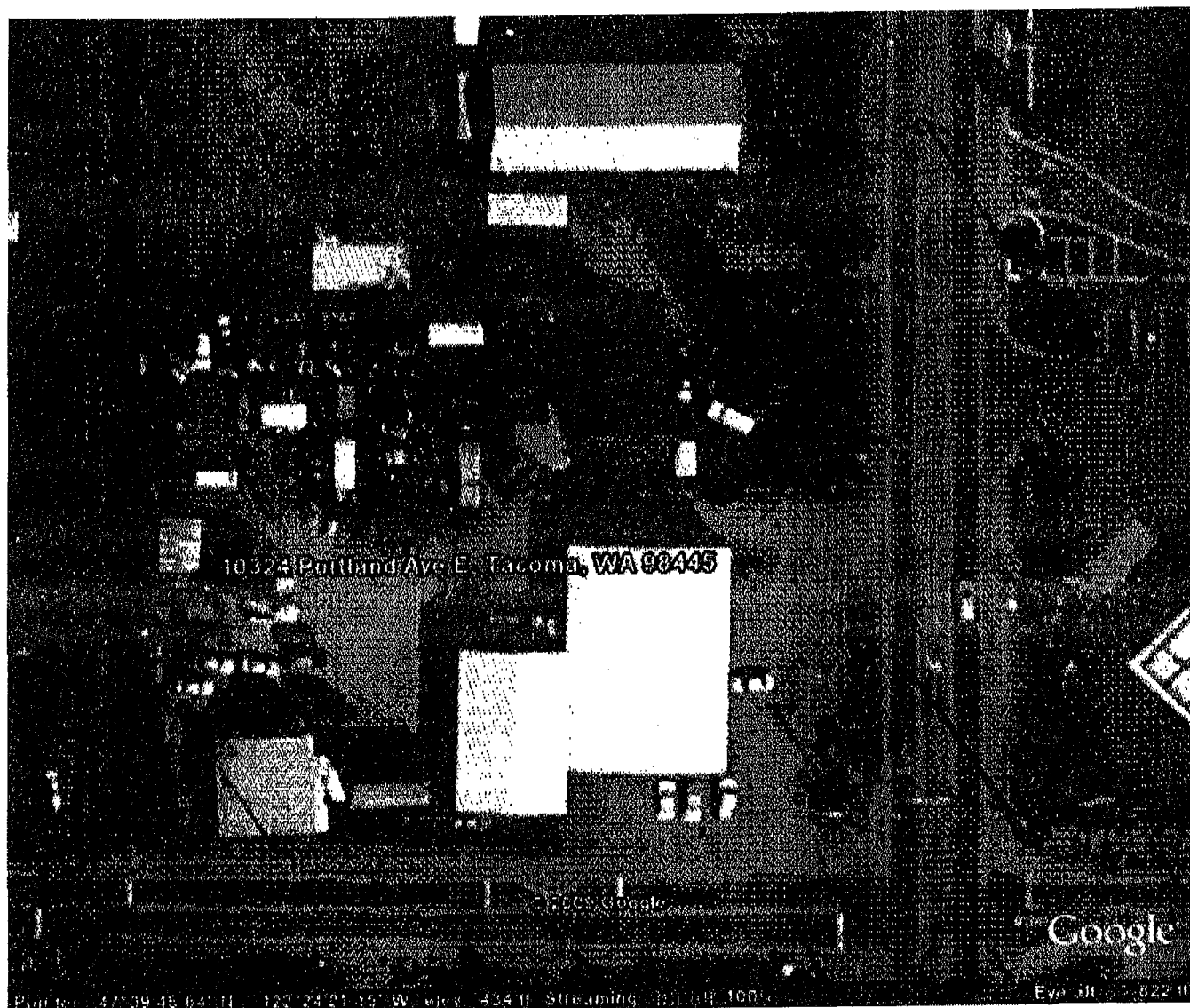
A handwritten signature in black ink, appearing to read "D McNeal", is written over a horizontal line.

Donna McNeal
principal

enclosures:

Google Earth aerial photographs of site
site photographs
site sketch showing locations of soil borings
laboratory results
chain of custody





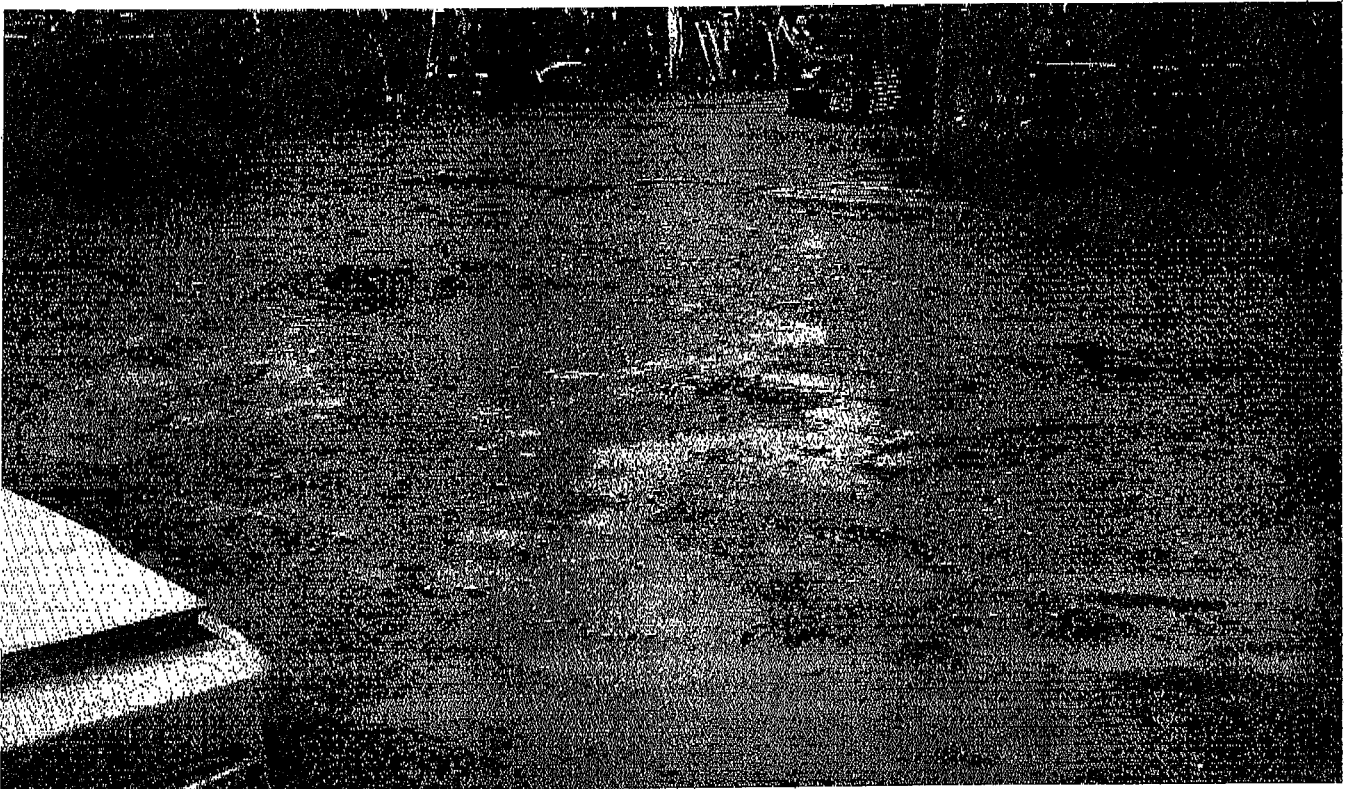
10324 Portland Ave E Tacoma, WA 98445

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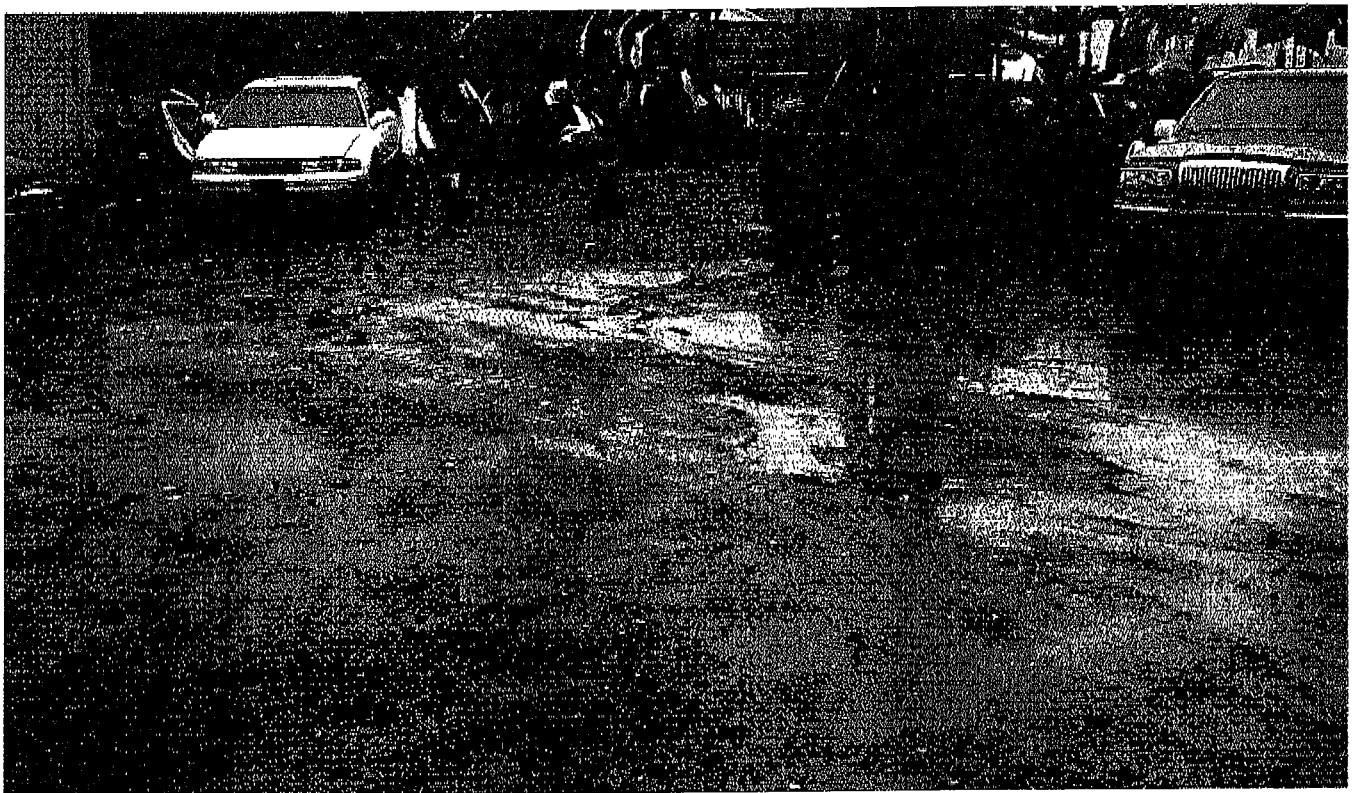
Google

Portland: 47°39'45.64" N, 122°24'21.25" W, elev: 434 ft, Streaming: 3000 ft

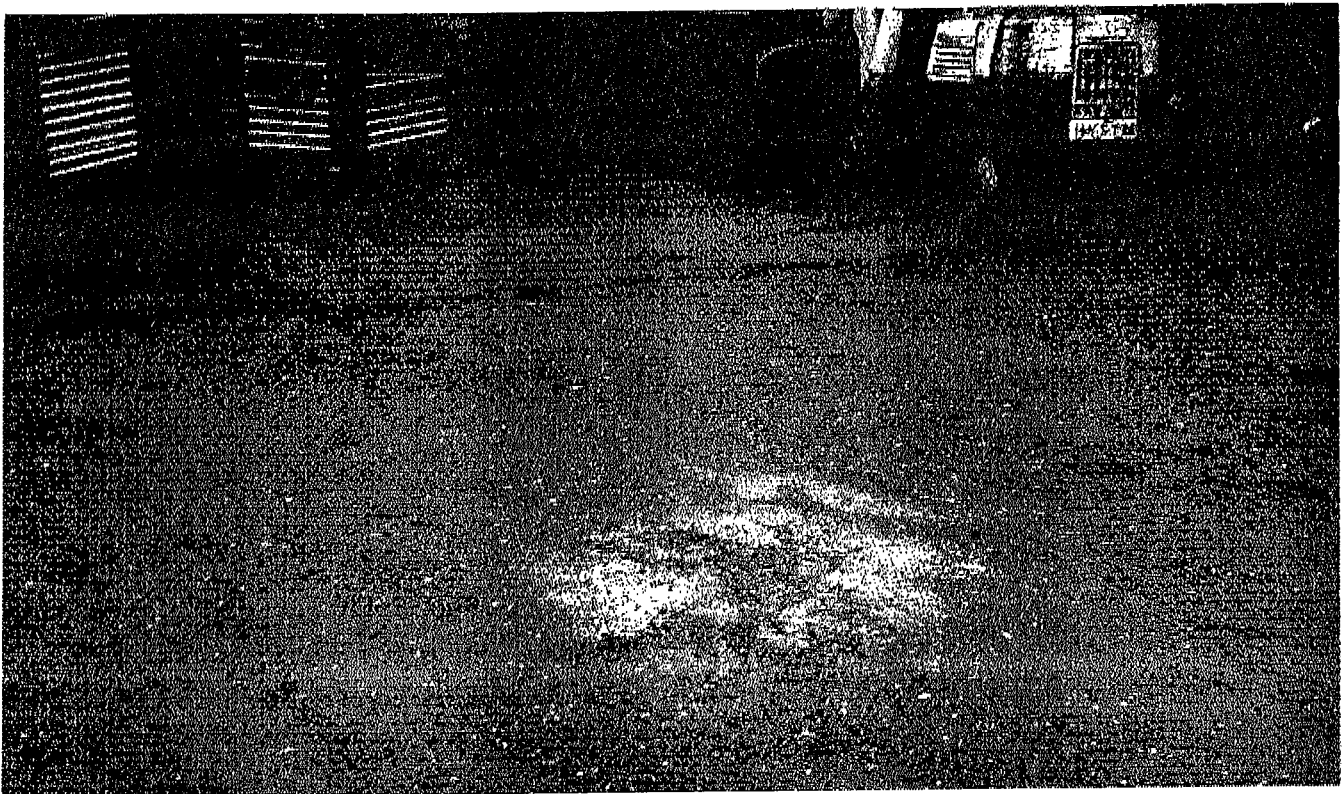
Eye alt: 822 ft



Midland - main yard, looking northeast.



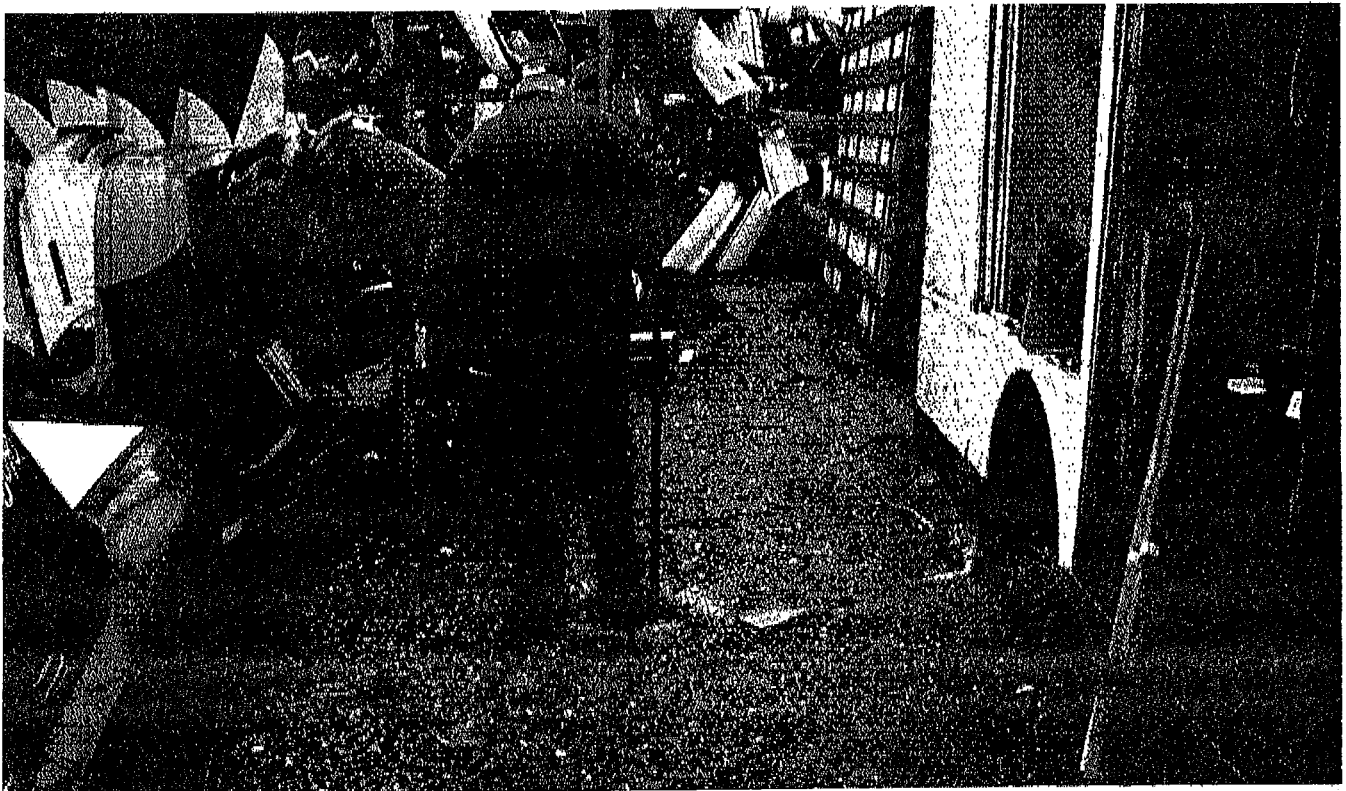
Midland - main yard looking southwest.



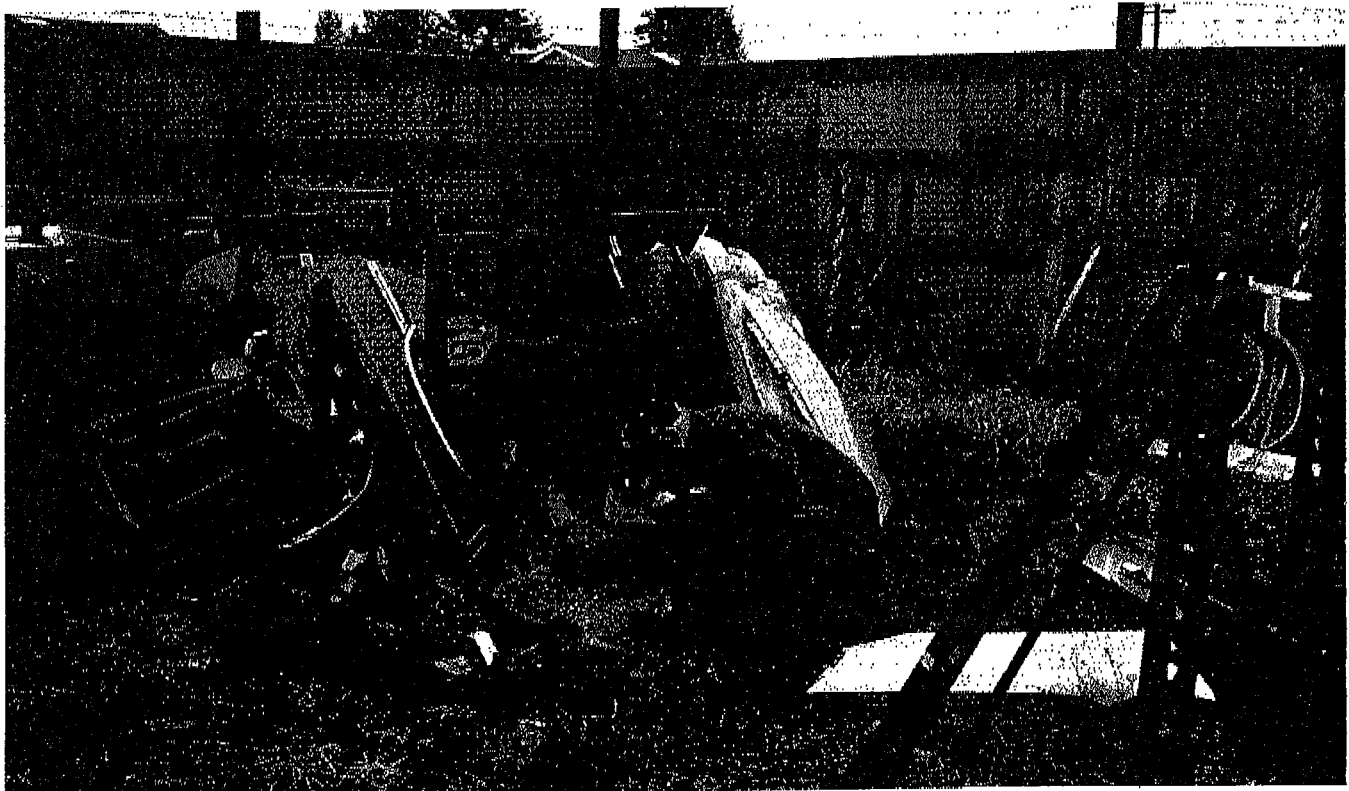
Midland - Soil Boring #1.



Midland - Soil Boring #2.



Midland - Soil Boring #3.



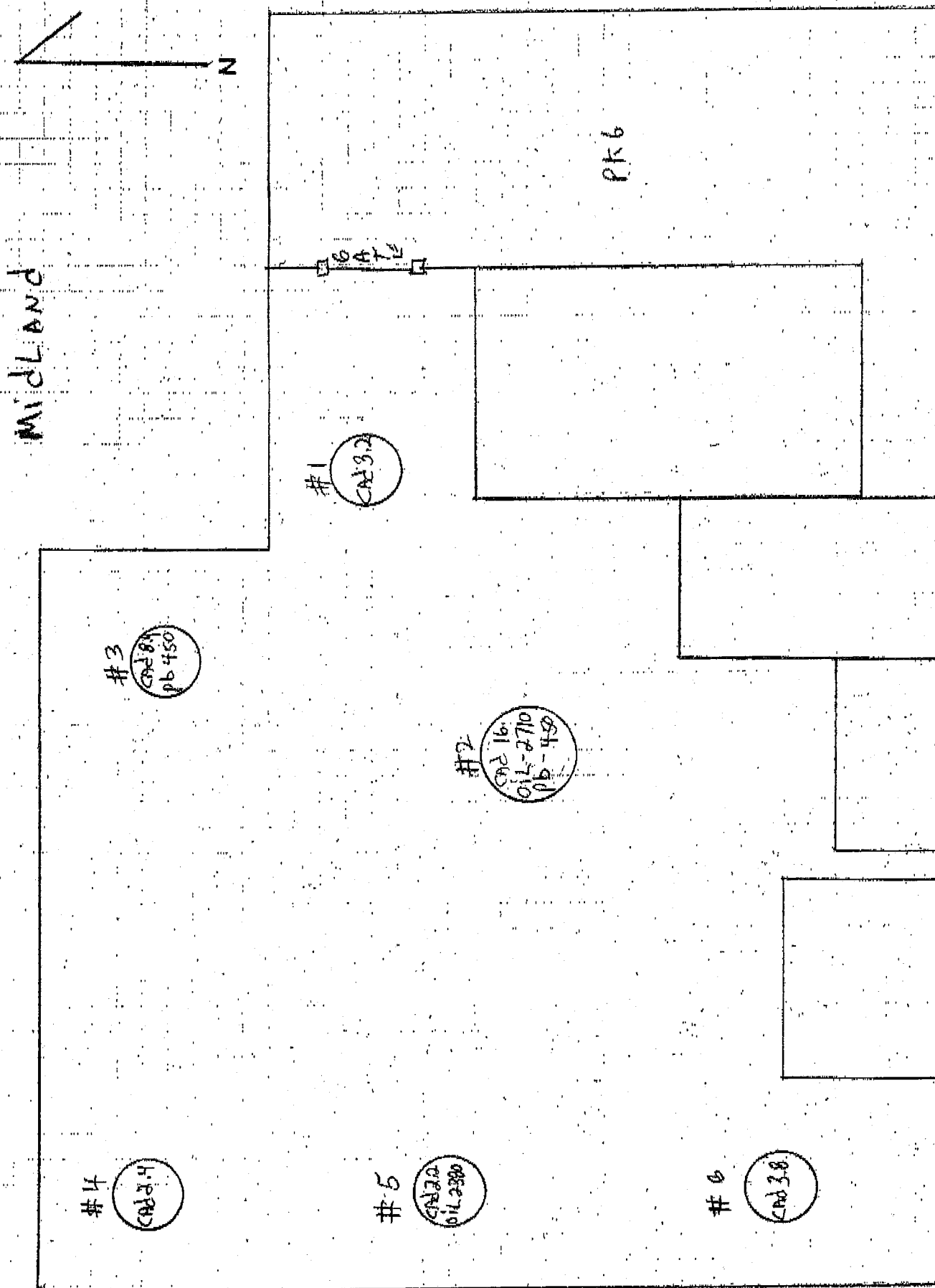
Midland - Soil Boring #4.



Midland - Soil Boring #5 (in front of open trailer door).



Midland - Soil Boring #6.



SPECTRA Laboratories

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12/28/2009

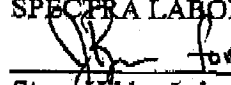
Nowicki & Associates
34004 9th Ave S
Suite 12
Federal Way, WA 98003
Attn: Walt Pich

Project: Midland Auto Wreck
Client ID: Mid#1
Sample Matrix: Soil
Date Sampled: 12/15/2009
Date Received: 12/15/2009
Spectra Project: 2009120238
Spectra Number: 1

Analyte	Result	Units	Method
Diesel	<10.0	mg/Kg	NWTPH-D
Oil	310	mg/Kg	NWTPH-D
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	Present	mg/Kg	NWTPH-HCID
Total Arsenic	16	mg/Kg	SW846 6010B
Total Cadmium	3.2	mg/Kg	SW846 6010B
Total Chromium	27	mg/Kg	SW846 6010B
Total Lead	114	mg/Kg	SW846 6010B
Total Mercury	< 0.05	mg/Kg	SW846 7471B

Surrogate	% Recovery	Method
p-Terphenyl	73	NWTPH-HCID
4-Bromofluorobenzene	44	NWTPH-HCID
p-Terphenyl	89	NWTPH-D

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 Steve Hibbs, Laboratory Manager
 as/jjb

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12/28/2009

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34004 9th Ave S
Suite 12
Federal Way, WA 98003
Attn: Walt Pich

Project: Midland Auto Wreck
Client ID: Mid#2
Sample Matrix: Soil
Date Sampled: 12/15/2009
Date Received: 12/15/2009
Spectra Project: 2009120238
Spectra Number: 2

Analyte	Result	Units	Method
Diesel	<200	mg/Kg	NWTPH-D
Oil	2710	mg/Kg	NWTPH-D
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<200	mg/Kg	NWTPH-HCID
HCID-Oil	Present	mg/Kg	NWTPH-HCID
Total Arsenic	12	mg/Kg	SW846 6010B
Total Cadmium	16	mg/Kg	SW846 6010B
Total Chromium	25	mg/Kg	SW846 6010B
Total Lead	450	mg/Kg	SW846 6010B
Total Mercury	< 0.05	mg/Kg	SW846 7471B

*Surrogate diluted out of range.

Surrogate	% Recovery	Method
p-Terphenyl	86	NWTPH-HCID
4-Bromofluorobenzene	50	NWTPH-HCID
p-Terphenyl	0*	NWTPH-D

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Steve Hibbs, Laboratory Manager
as/jlb

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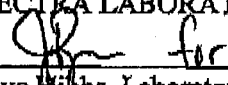
Nowicki & Associates
34004 9th Ave S
Suite 12
Federal Way, WA 98003
Attn: Walt Pich

Project: Midland Auto Wreck
Client ID: Mid#3
Sample Matrix: Soil
Date Sampled: 12/15/2009
Date Received: 12/15/2009
Spectra Project: 2009120238
Spectra Number: 3

Analyte	Result	Units	Method
Diesel	<40.0	mg/Kg	NWTPH-D
Oil	642	mg/Kg	NWTPH-D
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	Present	mg/Kg	NWTPH-HCID
Total Arsenic	14	mg/Kg	SW846 6010B
Total Cadmium	8.9	mg/Kg	SW846 6010B
Total Chromium	24	mg/Kg	SW846 6010B
Total Lead	450	mg/Kg	SW846 6010B
Total Mercury	< 0.05	mg/Kg	SW846 7471B

Surrogate	% Recovery	Method
p-Terphenyl	83	NWTPH-HCID
4-Bromofluorobenzene	53	NWTPH-HCID
p-Terphenyl	92	NWTPH-D

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Steve Hibbs, Laboratory Manager
as/jjb

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Nowicki & Associates
34004 9th Ave S
Suite 12
Federal Way, WA 98003
Attn: Walt Pich

Project: Midland Auto Wreck
Client ID: Mid#4
Sample Matrix: Soil
Date Sampled: 12/15/2009
Date Received: 12/15/2009
Spectra Project: 2009120238
Spectra Number: 4

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID
Total Arsenic	9	mg/Kg	SW846 6010B
Total Cadmium	2.4	mg/Kg	SW846 6010B
Total Chromium	35	mg/Kg	SW846 6010B
Total Lead	22	mg/Kg	SW846 6010B
Total Mercury	< 0.05	mg/Kg	SW846 7471B

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	74	NWTPH-HCID
4-Bromofluorobenzene	39	NWTPH-HCID

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Steve Hibbs, Laboratory Manager
a5/jfb

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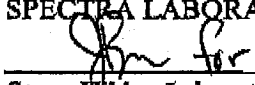
Nowicki & Associates
34004 9th Ave S
Suite 12
Federal Way, WA 98003
Attn: Walt Pich

Project: Midland Auto Wreck
Client ID: Mid#5
Sample Matrix: Soil
Date Sampled: 12/15/2009
Date Received: 12/15/2009
Spectra Project: 2009120238
Spectra Number: 5

Analyte	Result	Units	Method
Diesel	<100	mg/Kg	NWTPH-D
Oil	2380	mg/Kg	NWTPH-D
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	Present	mg/Kg	NWTPH-HCID
Total Arsenic	5	mg/Kg	SW846 6010B
Total Cadmium	2.2	mg/Kg	SW846 6010B
Total Chromium	12	mg/Kg	SW846 6010B
Total Lead	28	mg/Kg	SW846 6010B
Total Mercury	< 0.05	mg/Kg	SW846 7471B

*Surrogate diluted out of range.

Surrogate	% Recovery	Method
p-Terphenyl	81	NWTPH-HCID
4-Bromofluorobenzene	45	NWTPH-HCID
p-Terphenyl	0*	NWTPH-D

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 Steve Hibbs, Laboratory Manager
 as/jjb

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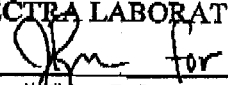
12/28/2009

Nowicki & Associates
34004 9th Ave S
Suite 12
Federal Way, WA 98003
Attn: Walt Pich

Project: Midland Auto Wreck
Client ID: Mid#6
Sample Matrix: Soil
Date Sampled: 12/15/2009
Date Received: 12/15/2009
Spectra Project: 2009120238
Spectra Number: 6

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel	<10.0	mg/Kg	NWTPH-D
Oil	166	mg/Kg	NWTPH-D
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	Present	mg/Kg	NWTPH-HCID
Total Arsenic	8	mg/Kg	SW846 6010B
Total Cadmium	3.8	mg/Kg	SW846 6010B
Total Chromium	16	mg/Kg	SW846 6010B
Total Lead	90	mg/Kg	SW846 6010B
Total Mercury	< 0.05	mg/Kg	SW846 7471B

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	76	NWTPH-HCID
4-Bromofluorobenzene	44	NWTPH-HCID
p-Terphenyl	73	NWTPH-D

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 Steve Hibbs, Laboratory Manager

a5/jjb

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CHAIN of CUSTODY

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STANDARD ☒ RUSH ☐

CLIENT: NOW Environmental				ADDRESS:		HYDROCARBONS		ORGANICS		METALS		OTHER	
PROJECT: Midland Auto Wreck				CONTACT: WAC PICH		PH 80408045		TX TOX 8076		TURBIDITY		FLASH POINT	
PHONE: 253 927-5839 FAX: 924 0323				e-MAIL: WPICH@NOWENVIRONMENTAL.COM		BTEX		BTEX/NWTPH-G		BTEX/NWTPH-G		BTEX/NWTPH-G	
PURCHASE ORDER #: ME-101, COM				PREFER FAX OR E-MAIL		1864 HEM (TPH)		1864 HEM (O&G)		B20/B24 VOA		B20/B24 VOA	
DATE SAMPLED				TIME SAMPLED		MATRIX		NUMBER OF CONTAINERS		NWTPH-HCl		NWTPH-G	
SAMPLE ID				DATE SAMPLED		TIME SAMPLED		MATRIX		NWTPH-HCl		NWTPH-G	
1	Mid	#1											
2		#2											
3		#3											
4		#4											
5		#5											
6		#6											
7													
8													
9													
10													

SPECIAL INSTRUCTIONS/COMMENTS:		SIGNATURE		PRINTED NAME		COMPANY		DATE		TIME	
RETURN SAMPLES ☐ DISPOSE SAMPLES ☐		WAC PICH		WAC PICH		Now		12/15		12:30	
		B. Anderson		B. Anderson		Spectra		12/15/09		12:39	

Payment Terms: Net 30 days. Past due accounts subject to 1 1/2% per month interest. Customer agrees to pay all costs of collection including reasonable attorney's fees and all other costs of collection regardless of whether suit is filed in Pierce Co., WA venue, Spectra Analytical, Inc.

(Shipping Fee Applies)

MSDC0000000000000000