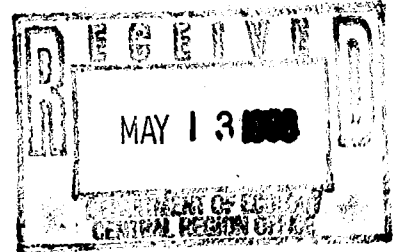


CITY OF ELLENSBURG

MAIN STREET BUILDING
414 NORTH MAIN STREET
ELLENSBURG, WASHINGTON 98926



May 11, 1998

Mr. Dick Bassett
Toxics Cleanup Program
Department of Ecology
15 West Yakima, Suite 200
Yakima, WA 98902-3401

Dear Mr. Bassett:

RE: City of Ellensburg Shop Area, off Industrial Way

This letter is an update of the City of Ellensburg's progress on the concerns of the possible road oil contamination in the Shop yard.

On March 3, 1998 the City contracted White Shield Environmental to complete a soil characterization for two areas with road oil contamination. On March 4, 1998 a site assessment was started which included backhoe exploration pits dug to determine the size of the road oil affected areas, whether the material was in contact with groundwater, and if the material was hazardous. While digging the second road oil site, buried garbage was discovered. A complete report was submitted by White Shields, with conclusions and recommendations. (Copy of report included).

On March 17, 1998 I contacted Kittitas County Environmental Health Department for additional recommendations for a solution for the road oil (tar) and garbage found on site. They recommended taking ground water samples in three locations in the garbage affected area and testing them for metals. This was accomplished and a copy of the results are included.



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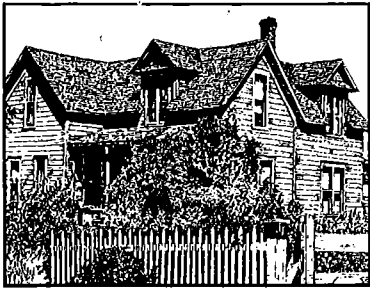
After review of the two reports, the City will haul the road tar to a hazardous waste landfill when the weather is colder so it is not so sticky. The garbage will be covered as was discussed with Kittitas County Health. (Memo included)

If you have questions, or further suggestions please contact me at (509) 962-7133.

Sincerely,

Rick Bollinger

Rick Bollinger
Operations Supervisor



KITTITAS COUNTY
DEPARTMENT OF BUILDING & FIRE SAFETY

507 NANUM STREET, ROOM 2, ELLENSBURG, WA 98926


TELEPHONE (509) 962-7694 FAX (509) 962-7682

RECEIVED

MAY - 8 1998

PUBLIC WORKS

MEMO

To: Rick Bollinger
From: Patti Johnson 
Subject: City Maintenance Yard Clean up
Date: May 5, 1998

This is to confirm our earlier conversation regarding the removal of the Soil contaminated with tar and recommended solutions for the garbage found on site.

The tar contaminated soil will need to be treated through a heat process and sent to a treatment, storage and disposal firm or to a hazardous waste landfill.

I have discussed the garbage issue with John Wolpers, III Director of Environmental Health and the garbage can be covered or it can be hauled to the Transfer Station. If you choose to haul it to the Transfer Station, please contact Wendy Mifflin at 962-7070 for details.

If you have any further questions or if I can be of any further assistance feel free to give me a call.



019 G.S. Center Rd.
Wenatchee, WA 98801

(509) 662-1888

Fax: (509) 662-8183

1-800-545-4206

Batch: 2698

Client: City of Ellensburg

Account: 01422

Sampler: Rick Bollinger

PO Number:

Water Report

Report Date: 4/16/98

City of Ellensburg
Rick Bollinger
414 North Main
Ellensburg, Wa 98926

Laboratory Number: 98-E002476

Date Received: 3/27/98

Sample Identification: South East #3

Date Sampled: 3/26/98

Test Requested	Results	Units	MDL	Method	Date Analyzed
Arsenic Total	< 3	ug/L	3	SM 3113B	4/15/98
Cadmium Total	< 0.3	ug/l	0.3 ug/l	SM 3113B	4/15/98
Chromium Total	< 4.7	ug/l	4.7	SM 3120B	4/ 7/98
Lead Total	1.1	ug/l	0.5	EPA239.2	4/ 7/98
Iron Total	963.	ug/l	9.7	SM 3120B	4/ 7/98
Manganese Total	3680	ug/l	2	SM 3120B	4/ 7/98
Mercury Total	< 0.3	ug/l	0.3	EPA245.1	4/ 2/98
Selenium Total	< 5	ug/l	5	SM 3113B	4/16/98
Silver Total	< 4.7	ug/l	4.7	SM 3120B	4/ 7/98
Copper Total	5.59	ug/L	2	SM 3120B	4/ 7/98
Zinc Total	< 20	ug/L	20	SM 3120B	4/ 7/98
Nickel Total	33.0	ug/L	10	SM 3120B	4/ 7/98
Thallium Total	< 1	ug/l	1	EPA 200.9	4/16/98
Antimony Total	< 5	ug/l	5	SM 3113B	4/15/98
Beryllium Total	< 0.2	ug/L	0.2	SM 3120B	4/ 7/98
Aluminum Total	606.	ug/l	20	SM 3120B	4/ 7/98
Total Metals Digest Water	Metals Digest				4/ 6/98

Approved By:

Cascade Analytical uses procedures established by EPA, ADAC, APHA, ASTM, and AWWA. Cascade Analytical makes no warranty of any kind the client assumes all risk and liability from the use of these results. Cascade Analytical, Inc.'s liability to the client as a result of use of Cascade's test results shall be limited to a sum equal to the fees paid by the client to Cascade Analytical, Inc. for analysis.



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Batch: 2698

Client: City of Ellensburg

Account: 01422

Sampler: Rick Bollinger

PO Number:

Water Report

City of Ellensburg
Rick Bollinger
414 North Main
Ellensburg, Wa 98926

Report Date: 4/16/98

Laboratory Number: 98-E002474

Date Received: 3/27/98

Sample Identification: #1-North West

Date Sampled: 3/26/98

Test Requested	Results	Units	MDL	Method	Date Analyzed
Arsenic Total	< 3	ug/L	3	SM 3113B	4/15/98
Cadmium Total	< 0.3	ug/l	0.3 ug/l	SM 3113B	4/15/98
Chromium Total	< 4.7	ug/l	4.7	SM 3120B	4/ 7/98
Lead Total	0.9	ug/l	0.5	EPA239.2	4/ 7/98
Iron Total	1850	ug/l	9.7	SM 3120B	4/ 7/98
Manganese Total	3030	ug/l	2	SM 3120B	4/ 7/98
Mercury Total	< 0.3	ug/l	0.3	EPA245.1	4/ 2/98
Selenium Total	< 5	ug/l	5	SM 3113B	4/16/98
Silver Total	< 4.7	ug/l	4.7	SM 3120B	4/ 7/98
Copper Total	3.31	ug/L	2	SM 3120B	4/ 7/98
Zinc Total	< 20	ug/L	20	SM 3120B	4/ 7/98
Nickel Total	24.0	ug/L	10	SM 3120B	4/ 7/98
Thallium Total	< 1	ug/l	1	EPA 200.9	4/16/98
Antimony Total	< 5	ug/l	5	SM 3113B	4/15/98
Beryllium Total	< 0.2	ug/L	0.2	SM 3120B	4/ 7/98
Aluminum Total	695.	ug/l	20	SM 3120B	4/ 7/98
Total Metals Digest Water	Metals Digest				4/ 6/98

Approved By: 

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1-800-545-4206

WATER ANALYSIS ORDER FORM

Batch#	SAMPLE #				
SEND RESULTS TO	1	2	3	4	5
1) Client 2) Billing 3) Both	X				
SAMPLE REPRESENTS					
1) Irrigation 2) Waste Water 3) Other			X		
Ground water					
SAMPLE BY					
1) Client 2) Field Rep. 3) Quality Control 4) Cascade 5) Other	X				

New Acct. #

CLIENT NAME/ADDRESS	BILLING NAME/ADDRESS
City of Ellensburg	City of Ellensburg
414 North Main	414 North Main
Ellensburg WA 98926	Ellensburg WA 98926
SAMPLER'S NAME	PHONE
Rick Bollinger	(509) 962-7133

FORM MUST BE COMPLETED BEFORE ANALYSIS WILL BE PERFORMED.

RELINQUISHED BY: (Signature) [1]	DATE	RELINQUISHED BY: (Signature) [2]	DATE	RELINQUISHED BY: (Signature) [3]	DATE
Rick Bollinger	3-26-98				
(Printed)	TIME	(Printed)	TIME	(Printed)	TIME
Rick Bollinger	3:30 P.M.				
RECEIVED BY: (Signature)	DATE	RECEIVED BY: (Signature)	DATE	RECEIVED FOR LAB BY: (Signature)	DATE
				Judge Brown	3/27/98
(Printed)	TIME	(Printed)	TIME	(Printed)	TIME

2474	1	Sample #1	Sample Date
		North West	Sample Time
2475	2	Sample #2	Sample Date
		middle	Sample Time
2476	3	Sample #3	Sample Date
		South East	Sample Time
	4		Sample Date
			Sample Time
	5		Sample Date
			Sample Time

*METALS - indicate type of analysis - T=total, D=dissolved

Sample container received by client was sealed Yes ☒ No ☐

Sample container received by laboratory was sealed Yes ☐ No ☐

Disclaimer:

Cascade Analytical, Inc., makes no warranty of any kind, expressed or implied, and customer assumes all risk and liability from the use of Cascade's test results. Cascade neither assumes nor authorizes any person to assume for Cascade any other liability in connection with the testing done by Cascade Analytical, Inc., and there are no other oral agreements or warranties collateral to or affecting this agreement.

Cascade Analytical Inc.'s liability to customer as a result of customers use of Cascade's test results shall be limited to a sum equal to the fees paid by customer to Cascade Analytical, Inc. for the testing work.

Customer Signature Rick Bollinger Date 3-26-98

This form also serves as "Chain of Custody."

(see legend on back)	SAMPLE #				
IRRIGATION WATER	1	2	3	4	
Standard					
Expanded					
GENERAL CHEMISTRY					
1135 pH					
1140 Conductivity					
1150 Turbidity					
1230 Solids-Susp. (TSS)					
1240 Tot. Phosphorus					
1250 Orthophosphate					
1260 Total Nitrogen (TKN)					
1170 Nitrate/Nitrite					
1280 Ammonia					
1300 Biol. Oxy. Demand					
1310 Chem. Oxy. Demand					
1190 Sulfate (SO4)					
1180 Chloride (Cl)					
1160 Fluoride (F)					
1320 Oil and Grease					
1340 Alkalinity					
MICROBIOLOGY					
10040 Total Coliform MF					
10010 Fecal Coliform MF					
10041 Total Coliform MPN					
10011 Fecal Coliform MPN					
METALS (T)					
1390 Antimony	✓	✓	✓	✓	
1011 Arsenic (As)	✓	✓	✓	✓	
1031 Cadmium (Cd)	✓	✓	✓	✓	
1041 Chromium (Cr)	✓	✓	✓	✓	
1211 Copper (Cu)	✓	✓	✓	✓	
1061 Iron (Fe)	✓	✓	✓	✓	
1071 Manganese (Mn)	✓	✓	✓	✓	
1080 Mercury (Hg)	✓	✓	✓	✓	
1051 Lead (Pb)	✓	✓	✓	✓	
1331 Nickel (Ni)	✓	✓	✓	✓	
1091 Selenium (Se)	✓	✓	✓	✓	
1101 Silver (Ag)	✓	✓	✓	✓	
1221 Zinc (Zn)	✓	✓	✓	✓	
TL	✓	✓	✓	✓	
MINERALS					
1120 Calcium (Ca)					
1130 Magnesium (Mg)					
1115 Potassium (K)					
1110 Sodium (Na)					