

Erler & Kalinowski, Inc.

Consulting Engineers and Scientists

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FACSIMILE TRANSMISSION COVER SHEET

TO: Susan L. Hugo FROM: Derby Davidson, P.E.
FIRM: Alameda County PROJECT: Ryerson
DATE: 15 December 2000 PROJECT NO: A00084.01

TELECOPIER NUMBER OF ADDRESSEE: 510-337-9335

NUMBER OF PAGES TRANSMITTED, INCLUDING COVER SHEET: 6

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|---|--|
| <input type="checkbox"/> Report | <input type="checkbox"/> As Requested |
| <input type="checkbox"/> Letter | <input type="checkbox"/> For Approval |
| <input type="checkbox"/> Memorandum | <input type="checkbox"/> For Review and Comment |
| <input checked="" type="checkbox"/> Other, as described below | <input checked="" type="checkbox"/> For Information and Coordination |

DESCRIPTION: 1) Table summarizing Ryerson well data (recent and historical)
 2) Analytical data sheets from recent Ryerson well sampling

REMARKS:
 Please call to discuss.

cc: Michelle King, EKI

12/21/00
Talked to Michelle
Long Term GW (2 yrs)
1st yr quantity
2nd quantity
6 rounds

TABLE 1
PETROLEUM HYDROCARBONS, BTEX, and MTBE IN GROUNDWATER
1465 65th STREET, EMERYVILLE, CALIFORNIA

SAMPLE ID	DATE SAMPLED	Petroleum Hydrocarbons		Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	EB ($\mu\text{g/L}$)	Xylenes ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)
		as Gasoline ($\mu\text{g/L}$)	as Diesel ($\mu\text{g/L}$)					
<i>Former Underground Storage Tank Area</i>								
Excavation Water	3/16/93	NA	850	<0.3	<0.3	<0.3	<0.9	NA
RMW-1	8/11/93	NA	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/24/93	57	NA	<0.5	<0.5	<0.5	<0.5	NA
	3/24/95	<50	210	<0.5	<0.5	<0.5	<0.5	NA
	3/24/1995 (dupl.)	<50	97	<0.5	<0.5	<0.5	<0.5	NA
	12/7/00	68	<50	<0.5	<0.5	<0.5	<0.5	<2.0
RMW-2	8/11/93	NA	<50	1.3	<0.5	<0.5	0.59	NA
	11/24/93	50	NA	<0.5	<0.5	<0.5	<0.5	NA
	3/24/95	<50	150	<0.5	<0.5	<0.5	<0.5	NA
	12/7/00	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0
RMW-3	8/11/93	NA (1)	NA	NA	NA	NA	NA	NA
	11/24/93	NA (1)	NA	NA	NA	NA	NA	NA
	3/27/95	11,000	97,000	<10	<10	<10	<10	NA
	12/7/00	710	23,000	<0.5	<0.5	<0.5	2.5	<2.0

Notes:

Petroleum hydrocarbons was run with a silica gel cleanup.

EB = ethylbenzene

MTBE = methyl tertiary butyl ether

"<" indicates the compound was not detected above the laboratory limit stated.

NA = not analyzed

(1) Sample was not collected, but floating product was observed.

149059

Erler & Kallinowski, Inc.		Page 1 of 1		Analytical Laboratory: <u>CAT</u>		
Project Number: <u>A00084.0</u>				Date Sampled: <u>12/7/00</u>		
Project Name: <u>1465 65th Street</u>				Sampled By: <u>Meg Mendoza</u>		
Source of Samples:				Report Results To: <u>Meg Mendoza, Derby Davidson</u>		
Location: <u>Emeryville</u>				Phone Number: <u>(650) 578-1172, FAX: (650) 578-9131</u>		
Lab Sample ID	Field Sample ID	Sample Type	Sample Description	Time Collected	Analyses Requested (See special instructions below)	Turnaround Time
	RMW-1	groundwater	4 vials, preserved w/HCL	11:40	TVHg, BTEX, MTBE	5 days
	↓	groundwater	1 Liter, amber	11:40	TEHD, no w/silica gel cleanup	
	RMW-2	groundwater	4 vials, preserved w/HCL	12:49	TVHg, BTEX, MTBE	
	↓	groundwater	1 Liter, amber	12:49	TEHD, no w/silica gel cleanup	
	RMW-3	groundwater	4 vials, preserved w/HCL	14:10	TVHg, BTEX, MTBE	
	↓	groundwater	1 Liter, amber	14:10	TEHD, no w/silica gel cleanup	
<input checked="" type="checkbox"/> Received <input checked="" type="checkbox"/> On Ice <input type="checkbox"/> Cold <input checked="" type="checkbox"/> Ambient <input checked="" type="checkbox"/> Direct		<input checked="" type="checkbox"/> Preservation Correct <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> NA				
Special Instructions: TVHg, BTEX, MTBE = purgeable halocarbons compared to gasoline standard; benzene, toluene, ethylbenzene and xylenes, and methyl tertiary butyl ether by EPA method 8015M/8020M TEHD, no = extractable petroleum hydrocarbons compared to diesel and motor oil standards, by EPA method 8015M						
Relinquished By: <u>Meg Mendoza</u> Name / Signature / Affiliation: <u>Meg Mendoza / EIC</u>		Received By: <u>Lisa Bennett</u> Name / Signature / Affiliation: <u>Lisa Bennett</u>		Time: <u>12/7/00 15:29</u>		

12/15/00 02:53 FAX 650 578 9131
 Dec-14-00 01:17pm From-CURTIS & TOMPKINS
 ERLER AND KALLINOWSKI INC
 6104860532
 T-912 P.02/13 P-930 003



Curtis & Tompkins, Ltd.

Gasoline by GC/FID CA LUFT

Lab #:	149059	Location:	1465 65th Street
Client:	Erlar & Kalinowski, Inc.	Prep:	EPA 5030
Project#:	A00084.01	Analysis:	EPA 8015M
Matrix:	Water	Sampled:	12/07/00
Units:	ug/L	Received:	12/07/00
Diln Fac:	1.000		

Field ID: RMW-1 Batch#: 60090
 Type: SAMPLE Analyzed: 12/09/00
 Lab ID: 149059-001

Analyte	Result	RL
Gasoline C7-C12	68 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	59-135
Bromofluorobenzene (FID)	106	60-140

Field ID: RMW-2 Batch#: 60090
 Type: SAMPLE Analyzed: 12/09/00
 Lab ID: 149059-002

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	59-135
Bromofluorobenzene (FID)	102	60-140

Field ID: RMW-3 Batch#: 60130
 Type: SAMPLE Analyzed: 12/11/00
 Lab ID: 149059-003

Analyte	Result	RL
Gasoline C7-C12	710 Y	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	59-135
Bromofluorobenzene (FID)	116	60-140

Y = Sample exhibits fuel pattern which does not resemble standard
 Z = Sample exhibits unknown single peak or peaks
 ND = Not Detected
 RL = Reporting Limit
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Curtis & Tompkins, Ltd.

Benzene, Toluene, Ethylbenzene, Xylenes			
Lab #:	149059	Location:	1465 65th Street
Client:	Erlar & Kalinowski, Inc.	Prep:	EPA 5030
Ecocore:	AB098: 01	Analysis:	EPA 8021E
Matrix:	Water	Sampled:	12/07/00
Units:	ug/L	Received:	12/07/00
Diln Fac:	1.000		

Field ID: RMW-1 Batch#: 60090
 Type: SAMPLE Analyzed: 12/09/00
 Lab ID: 149059-001

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m, p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	REC	Limits
Trifluorotoluene (PID)	109	56-142
Bromofluorobenzene (PID)	108	55-149

Field ID: RMW-2 Batch#: 60090
 Type: SAMPLE Analyzed: 12/09/00
 Lab ID: 149059-002

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m, p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	REC	Limits
Trifluorotoluene (PID)	109	56-142
Bromofluorobenzene (PID)	108	55-149

Field ID: RMW-3 Batch#: 60130
 Type: SAMPLE Analyzed: 12/11/00
 Lab ID: 149059-003

Analyte	Result	RL
MTBE	ND	2.0
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m, p-Xylenes	ND	0.50
o-Xylene	2.5	0.50

Surrogate	REC	Limits
Trifluorotoluene (PID)	111	56-142
Bromofluorobenzene (PID)	110	55-149

ND = Not Detected
 RL = Reporting Limit
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Total Extractable Hydrocarbons			
Lab #:	149059	Prep:	EPA 3520
Client:	Erler & Kalinowski, Inc.	Cleanup Method:	EPA 3630C
Project#:	A00084.01	Analysis:	EPA 8015M
Location:	1465 65th Street	Sampled:	12/07/00
Matrix:	Water	Received:	12/07/00
Units:	ug/L	Prepared:	12/08/00
Diln Fac:	1.000	Analyzed:	12/12/00
Batch#:	60112		

Field ID: RMW-1 Lab ID: 149059-001
 Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Surrogate	REC Limits	
Hexacosane	81 44-121	

Field ID: RMW-2 Lab ID: 149059-002
 Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Surrogate	REC Limits	
Hexacosane	81 44-121	

Field ID: RMW-3 Lab ID: 149059-003
 Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	23,000 H	50
Motor Oil C24-C36	5,600 L Y	300
Surrogate	REC Limits	
Hexacosane	83 44-121	

Type: BLANK Lab ID: QC132289

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300
Surrogate	REC Limits	
Hexacosane	81 44-121	

H = Heavier hydrocarbons contributed to the quantitation
 L = Lighter hydrocarbons contributed to the quantitation
 Y = Sample exhibits fuel pattern which does not resemble standard
 ND = Not Detected
 RL = Reporting Limit
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