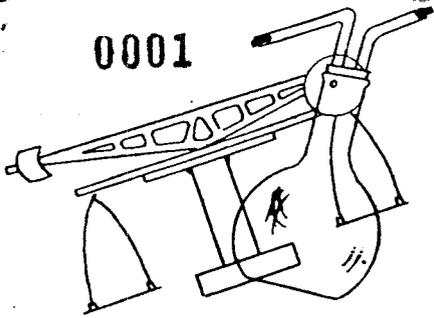


0001



Ford Chemical

LABORATORY, INC.
Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

file in what

*Soldier Creek
BANNING Siding*

DATE: 11/09/79

CERTIFICATE OF ANALYSIS

VAUGHN HANSEN ASSOC.
5620 SOUTH 1475 EAST
SALT LAKE CITY, UT
84121

79-007537

SAMPLE: ONE WATER FROM SOLDIER CREEK DATED 10/10/79 11:45 RECEIVED
10/11/79.

RESULTS

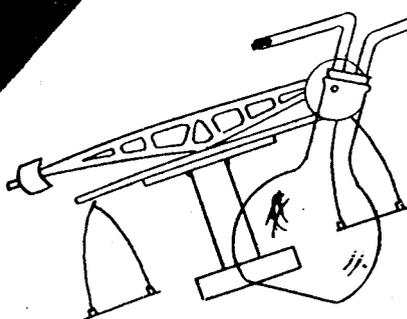
Siding
B

Acidity as CaCO3 mg/l	42.0
Alkalinity as CaCO3 mg/l	354.00
Arsenic as As mg/l	.002
Barium as Ba mg/l	.095
Bicarbonate as HCO3 mg/l	431.88
Boron as B mg/l	.950
Cadmium as Cd mg/l	<.001
Calcium as Ca mg/l	576.00
Chloride as Cl mg/l	108
Chromium as Cr mg/l	<.001
Conductivity umhos/cm	3,900 ↙
Copper as Cu mg/l	.076
Fluoride as F mg/l	.12

RECEIVED

DEC 12 1979

DIVISION OF
OIL, GAS & MINING



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Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
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PAGE: 2

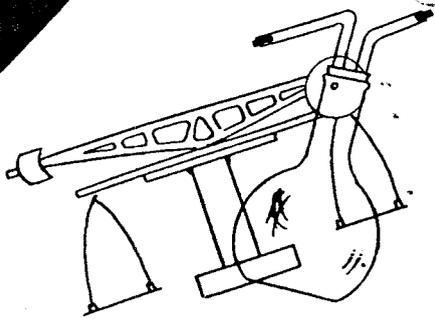
CERTIFICATE OF ANALYSIS

79-007537

RESULTS

=====

Iron as Fe (Dissolved) mg/l	.113
Iron as Fe (Total) mg/l	<u>.560</u> ←
Lead as Pb mg/l	<.001
Magnesium as Mg mg/l	16.80
Manganese as Mn mg/l	<u>.590</u>
Mercury as Hg mg/l	<.0002
Nitrate as NO ₃ -N mg/l	.07
Oil and Grease mg/l	3.0
Phenol as mg/l	.002
Phosphate PO ₄ -P Ortho mg/l	.040
Potassium as K mg/l	3.990
Selenium as Se mg/l	<.001
Silver as Ag mg/l	<.001
Sodium as Na mg/l	210.00
Sulfate as SO ₄ mg/l	<u>1,410</u>
Total Dissolved Solids mg/l	2,540
Zinc as Zn mg/l	.021



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PAGE: 3

CERTIFICATE OF ANALYSIS
79-007537

RESULTS

pH Units

7.20



FORD CHEMICAL LABORATORY, INC.

FIELD SAMPLE IDENTIFICATION AND ANALYSIS REQUEST FORM

VAUGHN HANSEN ASSOCIATES
 5620 South 1475 East
 Salt Lake City, Utah 84121
 (801) 272-5263

<p>Project Ident: <u>Soldier Creek</u></p> <p>River Basin: _____ County _____ Source _____</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Stream</td> <td><input type="checkbox"/> Irrigation</td> </tr> <tr> <td><input type="checkbox"/> Lake</td> <td><input type="checkbox"/> Storm Sewer</td> </tr> <tr> <td><input type="checkbox"/> Spring</td> <td><input type="checkbox"/> Effluent</td> </tr> <tr> <td><input checked="" type="checkbox"/> Well</td> <td><input type="checkbox"/> Dist. System</td> </tr> <tr> <td><input type="checkbox"/> Canal</td> <td>_____</td> </tr> </table>	<input type="checkbox"/> Stream	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Lake	<input type="checkbox"/> Storm Sewer	<input type="checkbox"/> Spring	<input type="checkbox"/> Effluent	<input checked="" type="checkbox"/> Well	<input type="checkbox"/> Dist. System	<input type="checkbox"/> Canal	_____	<p>Date of Collection</p> <table style="width:100%; text-align: center;"> <tr> <td style="border: 1px solid black; width: 20px;">10</td> <td style="border: 1px solid black; width: 20px;">10</td> <td style="border: 1px solid black; width: 20px;">79</td> <td style="border: 1px solid black; width: 20px;">11</td> <td style="border: 1px solid black; width: 20px;">45</td> </tr> <tr> <td>Day</td> <td>Month</td> <td>Year</td> <td colspan="2">Time</td> </tr> </table> <p style="text-align: center;">Sample Identification</p> <table style="width:100%;"> <tr> <td>Sample No.</td> <td style="border: 1px solid black;">S</td><td style="border: 1px solid black;">i</td><td style="border: 1px solid black;">d</td><td style="border: 1px solid black;">l</td><td style="border: 1px solid black;">i</td><td style="border: 1px solid black;">n</td><td style="border: 1px solid black;">g</td> </tr> <tr> <td>Lab I.D. No.</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>State Div. Health</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Storet Site No.</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <p>Name of Sampler <u>GC</u></p> <p>Name of Stream, Lake, etc. _____</p>	10	10	79	11	45	Day	Month	Year	Time		Sample No.	S	i	d	l	i	n	g	Lab I.D. No.								State Div. Health								Storet Site No.							
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<p style="text-align: center;">Field Measurements</p> <p>pH _____ DO _____ mg/l Temp. air _____ °C Water <u>13</u> °C Conductivity _____ umhos/cm</p> <p style="text-align: center;">Channel Geometry</p> <p>Width _____ Depth _____ Velocity _____ USGS _____ Est. flow _____ cfs.</p>	<p style="text-align: center;">Sample point location and other info.</p> <p><u>outflow pump at siding</u></p> <p>Weather: _____</p>																																																				
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