

FAX COVER PAGE
LIGO HANFORD OBSERVATORY

P. O. Box 1970; Mail Stop S9-02, Richland, Washington 99352
Voice 509-372-2325, Fax 509-372-2178

TO:	Helena Armundula
ORGANIZATION:	CALTECH-LIGO
FAX NUMBER:	626 304-9834
VOICE NUMBER:	
DATE:	3/20/98

FROM:	Douglas G. Cook
ORGANIZATION:	CALIFORNIA INSTITUTE of TECHNOLOGY-LIGO
FAX NUMBER:	(509) 372-2178
VOICE NUMBER:	(509) 372-3017
REFER TO:	LIGO- 197 T980046-00-D
SUBJECT:	water quality report
NUMBER OF PAGES FAXED INCLUDING THIS COVER SHEET:	

Helena,

Here is your copy of the test report . The water sample will ship out Monday as
UPS didn't show today. Have a good one.

Doug

Laser Interferometer Gravitational Wave Observatory

Anatek Labs, Inc.

"PILOT TEST RESULTS"
02660-6, 2.8, D.

1917 S. Main Moscow, ID 83843 (208)883-2639 Fax (208)882-9248 email anatek@moscow.com

INORGANIC CHEMICAL (IOC) REPORT

SYSTEM NAME: UGO PROJECT
SYSTEM ID#: PENDING
CONTACT: DAN - KING SOFT WATER
ADDRESS: 1425 E HOUSTON
CITY, STATE, ZIP: SPOKANE, WA 99217
COUNTY: BENTON

Sample Number: 46583
Collect Date: 8/28/97
Sample Type: Groundwater
Date Received: 9/2/97
Collect Time: 14:00
Sample Location: HANFORD WELL WATER
Phone Number: (509)487-KING
WA Laboratory Number: 125

DOH #	Contaminant	Result	Units	SRL	Trigger	MCL
EPA Regulated Chemicals						
4	Arsenic	ND	mg/l	0.01	0.05	0.05
5	Berilium	ND	mg/l	0.1	2	2
6	Cadmium	ND	mg/l	0.002	0.005	0.005
7	Chromium	ND	mg/l	0.01	0.1	0.1
11	Mercury	ND	mg/l	0.0005	0.002	0.002
12	Selenium	ND	mg/l	0.005	0.05	0.05
19	Fluoride	ND	mg/l	0.5	2	4
20	Nitrate/N	ND	mg/l	0.5	5	10
110	Beryllium	ND	mg/l	0.003	0.004	0.004
111	Nickel	ND	mg/l	0.04	0.1	0.1
112	Antimony	ND	mg/l	0.005	0.005	0.005
113	Thallium	ND	mg/l	0.002	0.002	0.002
114	Nitrite as N	ND	mg/l	0.1	0.5	0.5
116	Cyanide	ND	mg/l	0.05	0.2	0.2
EPA Regulated Chemicals (secondary MCL's)						
8	Iron	ND	mg/l	0.1	0.3	0.3
10	Manganese	ND	mg/l	0.01	0.05	0.05
13	Silver	ND	mg/l	0.01	0.05	0.05
21	Chloride	ND	mg/l	20	250	250
22	Sulfate	ND	mg/l	10	250	250
24	Zinc	ND	mg/l	0.02	5	5
EPA Unregulated Chemicals						
9	Lead	ND	mg/l	0.001	0.015	
23	Copper	ND	mg/l	0.001	1.3	
State Regulated Chemicals						
17	Turbidity	0.1	NTU	0.1	1	1
15	Hardness(CaCO3)	ND	mg/l	10		
16	Conductivity	ND	umhos/cm	10	700	700
18	Color	ND	color units	5	15	15
25	TDS	ND	mg/l	150	500	500
State Unregulated Chemicals						
14	Sodium	ND	mg/l	1		
402	Aluminum	ND	mg/l	0.05		

Laboratory Reporting Codes:

ND = Not Detected within the sensitivity of the instrument

— = No analysis performed for this contaminant

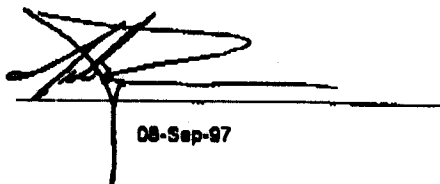
Numerical Entry = Detection at level indicated

SRL - Minimum reporting level for Washington DOH

MCL - EPA maximum contaminant level

Trigger - Washington DOH response level. If results exceed this level, contact the DOH

Lab Supervisor:



Report Date:

08-Sep-97