San Francisco Regional Office

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(925) 426-2600
Fax (925) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

March 2, 1999

Derek Lee
California Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

Clayton Project No.70-97203.00.201

Subject: Status Report of Additional Remedial Investigation
Coliseum Way Properties, Oakland, California

Dear Mr. Lee:

As discussed on the telephone yesterday, Clayton is sending you another copy of its Status Report of Additional Remedial Investigation letter dated February 15, 1999. As you pointed out, apparently the letter was mailed without the attachments. I apologize for the error.

If you have any questions, please contact either Donald Ashton at (925) 426-2679, or Dwight Hoenig at (925) 426-2686.

Sincerely,

Donald A. Ashton
Senior Geologist
Environmental Risk Management and Remediation
San Francisco Regional Office

DAA/daa

Attachments:

cc: Barney Chan - Alameda County Environmental Health Department
Tim Colvig - Wulfsberg Reese Ferris & Sykes
Samuel Friedman - Millennium Holdings, Inc.

P:\\SANF_NW01\DATA\ERMR\PROJECTS\P97203 Coliseum Way\97203ltr-status RWQCBcl.doc

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Clayton
ENVIRONMENTAL
CONSULTANTS

February 15, 1999

Derek Lee
California Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

Clayton Project No.70-97203.00.201

Subject: Status Report of Additional Remedial Investigation
Coliseum Way Properties
Oakland, California

Dear Mr. Lee:

This letter is to apprise you of the status of Clayton's progress regarding the schedule of proposed investigation activities for properties located at 750-50th Street, and 5050, 5051, and 5200 Coliseum Way, Oakland, California (Coliseum Way Properties), submitted to you in a letter dated January 11, 1999.

The status of the action items outlined in the January 11, 1999 letter is as follows:

- Clayton evaluated the site for the placement of an additional groundwater monitoring well to the north (upgradient) of existing well CW-13 between the Courtland Creek Culvert and the Second Line G Culvert. The placement of CW-13 was originally selected as the only safe location between the two culverts due to the location of storm drain culverts, power lines, roadways, other structures, and the property boundary. Another well is possible east and adjacent to the Second Line G Culvert, inside the fenced area of the property. However, Clayton does not believe that any significant benefit will be obtained by such a well due to the proximity of wells LF-5 and LF-12. It should be noted that existing well LF-12 was placed almost adjacent to the Second Line-G Culvert. The first attempt to drill the LF-12 boring met refusal when it hit the Second Line-G Culvert structure. Clayton estimates that well LF-12 is about 3 to 4 feet away from the culvert. Clayton reviewed the LF-12 boring log and the boring appears to be just outside of the backfill material.

- Ratech Resources submitted the soil data for the Health Risk Assessment to you on January 13, 1999. As previously discussed with you, Ratech Resources will submit its Draft HRA to Clayton for review on Friday, February 19, 1999. The final HRA will be submitted to the RWQCB on or before February 26, 1999.

- The proposed tracer study to evaluate the hydrologic conditions between well CW-13 and CW-10 and CW-12 is in progress. Clayton visited the site and collected a bulk groundwater sample from well CW-13 for water quality analyses and bench testing of dyes on January 13, 1999. Sample CW-13 was analyzed for ammonia nitrogen, nitrates, nitrites, sulfate, pH, arsenic, barium, cadmium, and zinc (see the attached analytical laboratory report) to evaluate possible tracer options. Clayton is prepared to begin a dye tracer slug test as soon as we receive your permission to proceed. Clayton proposes to use a colored fluorescent dye that can be monitored in the field using an ultraviolet light source. Clayton is prepared to place a slug of dyed water (20 to 50 gallons of potable water and dye at a concentration of approximately 10,000 ppm) into well CW-13. Clayton proposes to place activated carbon filled socks into wells CW-10, CW-12, LF-5, and LF-12 to adsorb dye to confirm hydraulic conductivity, should the dye enter any of these wells. Clayton will periodically monitor the groundwater in each of these wells and the surface water flowing from the Courtland Creek Culvert and the Second Line G Culvert using a long wave ultraviolet light to visually evaluate migration of the dye. Periodic water samples will also be collected and tested during the proposed monitoring period or until the dye is detected in groundwater in the area of investigation.

  Based on the success of the tracer dye test, Clayton may elect to follow up the dye test using a sodium or lithium bromide tracer test. Bromide is incompatible with the fluorescent dye and can not be run concurrently. Clayton believes that the bromide tracer test may not be necessary and will advise the Board and any results as we proceed.

- On January 13, 1999, Clayton collected six surface water samples from weep holes that were visibly draining near the base of the channel wall along the open stormwater drainage channel adjacent to the west boundary of the 5051 Coliseum Way property in the vicinity of well MW-4. Most weep holes along the base of the channel wall were observed to have little or no drainage. The six samples collected were from the only weeps that could be readily sampled. One 500-milliliter sample (WW-3) was obtained in about 2 minutes. The other samples required 15 to 40 minutes to accumulate. Sample WW-6 resulted in only about 200 milliliters after about 40 minutes.

  The weep water samples (WW-1 through WW-6) were collected from north to south along the base of the channel wall starting near the turn in the channel where it turns away from Coliseum Way and extending approximately 150 feet to the south, nearly

to the end of the concrete lined section of the channel. The samples were collected during a negative tide when access to the concrete lined channel was possible. Sampling during the negative tide was deemed to be the best time to collect the samples since any potential migration of metals in the groundwater to the surface waters in the area would most likely be at their greatest concentration during this period. The samples were analyzed for total metals (arsenic, barium, cadmium, zinc, and pH). The sample results indicate the presence of zinc in all of the weep water samples. Zinc appears to be most concentrated toward the north end of this portion of the channel, in the vicinity of well MW-4, and attenuates to the south. This appears to correlate with the quarterly groundwater monitoring data. It should be noted that the flow rates of the weeps and the number of weeps was very limited with a combined flow estimated at less than one gallon per minute. A summary of the sample results is presented in the attached Table 1. The analytical laboratory report is also attached.

Clayton also collected two surface water samples from the Second Line G Culvert during low flow conditions on January 13, 1999. Sample SW-1 was collected approximately 750 feet upstream of the subject property where the culvert is first exposed at San Leandro Street and 49th Street. The sample was collected just east of San Leandro Street below a wood timbered train trestle. Sample SW-2 was collected inside the Second Line G Culvert where the culvert meets the open storm drainage channel at the intersection of 50th Street and Coliseum Way. The analytical laboratory report and a summary data table (Table 2) have been attached for your review. The samples were analyzed for total metals (arsenic, barium, cadmium, and zinc). Please note that the upgradient zinc concentration is nearly three times higher than the downgradient concentration. Clayton proposes to collect surface water samples from these same two locations during a storm event when the flow rate is higher. Mass loading rates to surface water for the selected heavy metals will be calculated after all the data has been collected.

- Clayton contacted the Alameda County Public Works Agency and obtained permission to proceed with the proposed drilling and grab-groundwater sampling southeast of the stormwater creek (the 54th Street Creek) that parallels the 5200 Coliseum Way property. The drilling and sampling event using Geoprobe sampling equipment occurred on Thursday, February 11, 1999. Clayton will have sample results in about two weeks. Clayton will provide you with another status update after the data is received and reviewed.

- Clayton proposes to prepare a seasonal monitoring program once all of the sampling data has been collected for this investigation.

- The historical trend analysis for the data from the existing wells will be prepared after the second quarter 1999 monitoring event has been completed in March 1999. The

results of the second quarter 1999 monitoring event will be incorporated in the trend analysis and will be submitted with our final report due to you on or before May 17, 1999.

If you have any questions, please contact either Donald Ashton at (925) 426-2679, or Dwight Hoenig at (925) 426-2686.

Sincerely,

Donald A. Ashton
Senior Geologist

Dwight R. Hoenig
Vice President, Western Regional Director
Environmental Risk Management and Remediation
San Francisco Regional Office

DAA/daa

Attachments:

cc: Barney Chan, Alameda County Environmental Health Services
Tim Colvig, Wulfsberg Reese Ferris & Sykes
Samuel Friedman, Millennium Holdings, Inc.

TABLE 1
Summary of Select Metals and pH Results
Storm Sewer Weep Water Samples
5051 Coliseum Way, Oakland, California
[All data, except pH, reported in milligrams per Liter (mg/L)]

SAMPLE NO.	WW-1	WW-2	WW-3	WW-4	WW-5	WW-6
Sample Date:	**1/13/99**	**1/13/99**	**1/13/99**	**1/13/99**	**1/13/99**	**1/13/99**
METALS						
Arsenic	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Barium	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium	0.08	<0.05	<0.05	<0.05	<0.05	<0.05
Zinc	**9.4**	1.7	**2.9**	**2.7**	**1.9**	**0.8**
pH (Standard Units)	7.4	7.2	7.3	7.3	7.4	7.7

TABLE 2
Summary of Select Metals and pH Results
Storm Sewer Weep Water Samples
5051 Coliseum Way, Oakland, California
[All data, except pH, reported in milligrams per Liter (mg/L)]

SAMPLE NO.	SW-1	SW-2
Sample Date:	**1/13/99**	**1/13/99**
METALS		
Arsenic	< 0.05	< 0.05
Barium	0.09	0.07
Cadmium	< 0.005	< 0.005
Zinc	1.4	0.50

San Francisco Regional Office

1252 Quarry Lane
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Clayton
LABORATORY
SERVICES

January 28, 1999

Mr. Don Ashton
CLAYTON ENVIRONMENTAL CONS.
1252 Quarry Lane
Pleasanton, CA 94566

Client Ref.: 70-97203.00.201
Clayton Project No.: 99011.13

Dear Mr. Ashton:

Attached is our analytical laboratory report for the samples received on January 14, 1999. Also enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples.

Please note that any unused portion of the samples will be discarded after February 27, 1999, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact Client Services at (925) 426-2657.

Sincerely,

Patricia Flynn
Client Services Representative
San Francisco Regional Office

PVF/kmd

Attachments

California DHS ELAP Certification Number 1196

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: WW-1
Lab Number: 9901113-01
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.5	0.5	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.1	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	0.08	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	9.4	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	7.4	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: WW-2
Lab Number: 9901113-02
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.5	0.5	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.1	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	1.7	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	7.2	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: WW-3
Lab Number: 9901113-03
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.5	0.5	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.1	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	2.9	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	7.3	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: WW-4
Lab Number: 9901113-04
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.5	0.5	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.1	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	2.7	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	7.3	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: WW-5
Lab Number: 9901113-05
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.5	0.5	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.1	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	1.9	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	7.4	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: WW-6
Lab Number: 9901113-06
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.5	0.5	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.1	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	0.8	0.1	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	7.7	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: SW-1
Lab Number: 9901113-07
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	0.09	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.005	0.005	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	1.4	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: SW-2
Lab Number: 9901113-08
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Arsenic	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	0.07	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.005	0.005	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Zinc	0.50	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: CW-13
Lab Number: 9901113-09
Sample Matrix/Media: WATER

Date Sampled: 01/13/99
Date Received: 01/14/99

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Ammonia-N	2.9	0.05	mg/L	--	01/15/99	--	EPA 350.3
Arsenic	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	0.04	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	0.81	0.005	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Nitrate-N	0.13	0.05	mg/L	--	01/15/99	--	EPA 300.0
Nitrite-N	<0.5	0.5 a	mg/L	--	01/15/99	--	EPA 300.0
Sulfate	3000	0.1	mg/L	--	01/15/99	--	EPA 300.0
Zinc	140	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
pH	6.2	--	S.U.	--	01/14/99	--	EPA 150.1

ND: Not detected at or above limit of detection
--: Information not available or not applicable

a Note: Detection limits increased due to matrix interference.

Analytical Results
for
Clayton Environmental Consultants, Inc.
Client Reference: 70-97203.00.201
Clayton Project No. 99011.13

Sample Identification: METHOD BLANK
Lab Number: 9901113-10
Sample Matrix/Media: WATER

Date Sampled: --
Date Received: --

Analyte	Concentration	Method Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Method Reference
Ammonia-N	<0.05	0.05	mg/L	--	01/15/99	--	EPA 350.3
Arsenic	<0.05	0.05	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Barium	<0.01	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Cadmium	<0.005	0.005	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7
Nitrate-N	<0.05	0.05	mg/L	--	01/15/99	--	EPA 300.0
Nitrite-N	<0.05	0.05	mg/L	--	01/15/99	--	EPA 300.0
Zinc	<0.01	0.01	mg/L	01/18/99	01/27/99	EPA 200.7	EPA 200.7

ND: Not detected at or above limit of detection
--: Information not available or not applicable

Clayton LABORATORY SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 1-29-99
Rush Charges Authorized? ☐ Yes ☒ No
☐ Phone or ☐ Fax Results

For Clayton Use Only
Clayton Lab Project No.
9901223

REPORT RESULTS TO
Name: DON ASHTON
Company:
Mailing Address:
City, State, Zip:
Telephone No.: X-279 FAX No.:
Client Job No.: 70-97203.00.201
Dept.: ERMR

SEND INVOICE TO
Purchase Order No.:
Name:
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)
Samples split + preserved w/ HNO3 at lab

* Explanation of Preservative

Samples are:
(check if applicable)
☐ Drinking Water
☒ Groundwater/surface
☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	~~AIR VOLUME~~ CONTAINER (specify units)	Number of Containers	METALS: As, Ba, Cd, Zn	NITRATE+NITRITE	SULFATES	AMMONIA	PH	FOR LAB USE ONLY
WW-1	1-13-99	16:18	WATER	500 ml Plastic	1	X			X		
WW-2		15:50				X			X		
WW-3		15:50				X			X		
WW-4		15:44				X			X		
WW-5		16:15				X			X		
WW-6 (~200 ml)		16:12				X			X		
SW-1		16:45				X					
SW-2		16:59				X					
CW-13		17:08				X	X		X		
11	↓	11	↓	H_2SO_4	↓	P		P			

CHAIN OF CUSTODY
Collected by: DON ASHTON (print)
Relinquished by: Don Ashton Date/Time 1-14-99 16:40
Relinquished by: Date/Time
Method of Shipment:
Authorized by: Don Ashton (Client Signature MUST Accompany Request) Date 1-14-99

Collector's Signature: Don Ashton
Received by: Date/Time
Received by: Date/Time
Received at Lab by: Date/Time 1/14/99 1640
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5867
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
400 Chastain Center Blvd., N.W., Suite 490
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

San Francisco Regional Lab
1252 Quarry Lane
Pleasanton, CA 94566
(800) 294-1755
(925) 426-2657
FAX (925) 426-0106

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

9/97 20K

Clayton LABORATORY SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 1-29-99
Rush Charges Authorized? ☐ Yes ☒ No
☐ Phone or ☐ Fax Results

For Clayton Use Only
Clayton Lab Project No.
9901113

REPORT RESULTS TO
Name: DON ASHTON
Company:
Mailing Address:
City, State, Zip:
Telephone No.: X-279
FAX No.:
Client Job No.: 70-97203.00.201
Dept.: ENVR

SEND INVOICE TO
Purchase Order No.:
Name:
Company:
Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
REQUEST LOWER DETECTION LIMITS FOR METALS, IF POSSIBLE. PRIMARILY FOR Zn. SPECIFICALLY FOR SAMPLES WW-4 THRU SW-2. OTHERS MAY BE AS HIGH AS 1900 ppm Zn.
* Explanation of Preservative

Samples are: (check if applicable)
☐ Drinking Water
☒ Groundwater/SURFACE
☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	METALS: As, Ba, Cd, Zn	NITRATE/NITRITE-N	SULFIDES	PHENOLS	pH	FOR LAB USE ONLY
WW-1	1-13-99	16:19	WATER	Sand Point 1		X				X	
WW-2		15:50				X				X	
WW-3		15:50				X				X	
WW-4		15:44				X				X	
WW-5		16:15				X				X	
WW-6 (~200 mL)		16:12				X				X	
SW-1		16:45				X					
SW-2		16:59				X					
CW-13		17:08				X	X			X	
"		"		H_2SO_4			P	P			

CHAIN OF CUSTODY
Collected by: DON ASHTON (print) — Collector's Signature:
Relinquished by: — Date/Time: 1-14-99 1640 — Received by: — Date/Time:
Relinquished by: — Date/Time: — Received by: — Date/Time:
Method of Shipment: — Received at Lab by: — Date/Time: 1/15/99 1640
Authorized by: (Client Signature MUST Accompany Request) — Date: 1-14-99
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5867
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
400 Chastain Center Blvd., N.W., Suite 490
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

San Francisco Regional Lab
1252 Quarry Lane
Pleasanton, CA 94566
(800) 284-1755
(925) 426-2657
FAX (925) 426-0106

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
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Yellow = Clayton Accounting
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