Appendix A

Sample Location Well Information and Field Photographs

Name: Marjorie Allessandro

Unique ID: ALLESSANDRO-6S93W-1

Address: 3445 CR 214, Silt, CO

Phone: 970-876-2274

Date Sampled: August 14, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







Name: Ed and Sheila Allen Unique ID: ALLEN-5S92W-30 Address: 488 CR 251, Rifle, CO

Phone: 970-625-0537

Date Sampled: August 4, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







Allon-5592W-30

FORM NO. WELL CONSTRUCTION AND TEST R					
11/90 THE OF COLOPADO, OFFICE OF THE STATE	ENGINEER				
1. WELL PERMIT NUMBER 038005-F 2. OWNER NAME(S) Frederick J. Kuester Malling Address P.O. Box 1452 City, St. Zip Rifle, CO 81650					
Phone (303) 625-0429 3. WELL LOCATION AS DRILLED: NW 1/4 NE 1/4, Sec DISTANCES FROM SEC. LINES:	30 Twp. 5 Range 92				
DATE COMPLETED May 1, 1991 . TOTAL D	EPTH 100 ft. DEPTH COMPLETED \$80 ft.				
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) Top soil - 3 feet Grey clay - 3 - 12 feet	6. HOLE DIAM. (in.) From (ft) To (ft)				
Grey sandstone - 12 - 100 feet Water first present in hole at 40 feet	7. FLAIN CASING OD (in) Kind Wall Size From(ft) To(ft) 6 steel 3/16 0 20 PERF. CASING: Screen Slot Size: 6 steel 3/16 20 100				
	8. FILTER PACK: Material Size Interval Depth				
	10. GROUTING RECORD: Meterial Amount Density Interval Placement				
REMARKS:	Material Amount Density Interval Placement Portland				
11. DISINFECTION: Type	Arnt, Used				
WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form. TESTING METHOD Submersible pump to tank					
13. I have read the statements made herein and know the contents thereof, and that the of false statements herein constitutes perjury in the second degree and is punish CONTRACTOR Self Mailing Address	Phone (303) 625-0429 Lic. No. n/a				
Name/Title (Please type or print) Frederick J. Kuester / owner	Date 5-23-92				

Name: Susan and Harvey Armstrong Unique ID: ARMSTRONG-5S91W-30 Address: 413 Ingersoll Lane, Silt, CO

Phone: 970-876-5757

Date Sampled: August 7, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Asgard Water Systems (Dennis Webb)

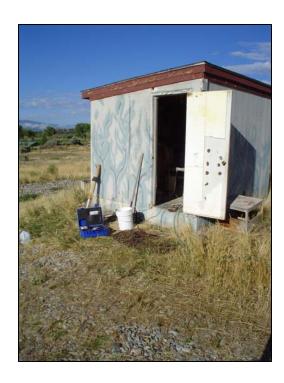
Unique ID: ASG-5S92W-26 Address: 2237 CR 456, Silt, CO

Phone: 970-876-0768

Date Sampled: August 16, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Phil Bain

Unique ID: BAIN-6S93W-10 Address: 1983 CR 293, Rifle, CO

Phone:

Date Sampled: August 1, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







WELL CONSTRUCTION AND TEST REPORT					FOR OFFICE USE ONLY				
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER					RECEIVED				
2100000	1. WELL PERMIT NUMBER 225447-A					JAN 2-1 2003			
2.	er Name(s): Phillip Bain	* 1775-00 (MITTHEWAY)			JAN	X. T 2003			
Mail	ing Address: 1983 Count	y Road 293			WATE	R RESOURCES TE ENGINEER			
City,	State, Zip: Rifle, Co. 8	1650		75	00973	COLO.			
Phor	ne # : (970) 625-5	550			APPROVAL # GW	/S31-91-03			
	3. WELL LOCATION AS DRILLED SW 1/4 NW 1/4 Sec: 11 Twp: 6 S Range: 93 W								
DIST	ANCES FROM SEC. LINES ft. from North Sec. line					=======================================			
100000000		LOT			FILING (UN	200			
	DIVISION:		: BLO	CK.	FILING (ON	11).			
GPO	EET ADDRESS AT LOCATI UND SURFACE ELEVATION		DRILLING	3 METHOD	Air Rotary				
4.					H COMPLETION	N. 200			
DAT	E COMPLETED: 12/3/200	2 TOTAL DEPTE	1. 200	DEFI	II COM LETT		to the second		
	LOGIC LOG		6. HOLE DIAME	ETER (in)	FROM (fi) T	O (ft)		
Depth 000-200	Type of Material (Size, C Wasatch Formation	olor, and Type)	9.0		40		200		
000-200	wasatch Politation		0.5						
W1100711 340 14 1 2			7. PLAIN CA	ASING Kind	Wall Size	From (ft)	To (ft)		
			OD (in) 7.0	Steel	0.240	-1	40		
			5.5	PVC	0.250	30	60		
			5.5	PVC	0.250	80	200		
			PERF. CASI	NG: Scre	en Slot Size				
- 2000 - C31-44000			5.5	PVC	.250	60	80		
		tone							
			8. Filter Pack			Packer Placeme	ent		
Water Loca	ated: 60		Material :		Type		JII C		
			Size :		Dep	th:			
Remarks :			Interval :						
			10. GROUTII	NG RECOR	Density	Interval	Placement		
			cement	5 sks	16 gal	10-40	poured		
11. DISIN	FECTION: Type: H	ТН		Ar	nt. Used: 5	oz.			
12. WEL	L TEST DATA : () Check	Box If Test Data Is Subn	nitted On Supple	mental					
	METHOD: Air Compre		- was a sure of the second						
Static Leve	III.		asured 12/3/200)2	Pr	oduction Rate	1 gpm		
Pumping I Test Rema	rks:	Date/Time Mea				st Length:	2		
13. I have rea	d the statements made herein and know the s perjury in the second degree and is punish	contents thereof, and that they are tru able as a class 1 misdemeanor.)	ue to my knowledge. (Pur	suant to Section 2	24-4-1-4 (13)(a) CRS, th	e making of false state	ments		
CONT	RACTOR: Shelton Drilling Address: P.O. Box 1059	ing Corp.				hone: (970) 9 ic, No. 1095	27-4182		
		00/			Date				
	tle (Please Type or Print)	Signature			Date	12/23/2002			
Wayne	Wayne Shelton / President								

ORIGINAL

GW	im no. 8-32	7 TAGGG 0			EST REPORT	and the second second	For Office Use	only
10/	94 '				THE STATE EN		22514/	
1.	WE	LL PERMIT NU	JMBER _	-22547	22544	<u>z</u>		RECEIVED
2.	OWN Mailir City, Phon	ER NAME(S) ng Address St. Zip e (970) 625-5	Philic 1983 Co Rifle, 550	Bain Rd 293 Co 81650			0463 5 37	SEP 0 6 2000 WATEH HE SAUTURED STATE ENGINEER
3.	DIST	ANCES FROM SE	C, LINES: Jorth S	Sec. line, and	125 ft. fro	m West	Sec. line. BLOCK	
4.	PUM Pum Desig Pum ADD	P DATA: Type	Goulds at RPM 220' F ATION FOR	M 3450 Feet, Drop/Col PUMPS GRE/	, HP3/4 lumn Pipe Size _ ATER THAT 50 C ine Other	Installation Pump Volts 1"	Completed 8/ Model No. 7GS0 230 Full Loa Inches, Kind Sch	16/00 7412L d Amps 6 8
5.	5. OTHER EQUIPMENT: Airline Installed Yes No, Orifice Depth ft. Monitor Tube Installed Yes No, Depth ft. Flow Meter Mfg. Meter Serial No. Meter Readout Gallons, Thousand Gallons, Acre feet, Beginning Reading							
6.	Tota	T DATA: C I Well Depth _ ic Level _ Measured _	The same Partners State East of the State of	Date	is submitted on8/1 	6/00	ntal Form.	
7	. DISI	NFECTION: Type	Ch	lorox		Amt. Used	1/4 Cup	
8	. Wa	ter Quality analys	s available.	Yes 🔲	No			
		narks					accept.	
	[Pui deg	rsuant to Section ree and is punish	24-4-104 (1 able as a cl	3)(a) C.R.S., t ass 1 misdem	the making of ta	ise stateme	ents nerein constitute	true to my knowledge.
	CONT	RACTOR J & g Address 861	M Pump	117	Glen Spgs	7	(<u>970)</u> <u>945-6159</u>	Lic. No. 1196
	1000	Title (Please type						Date / /o.a
ľ	ARTER CONTROL	chard A. Ho		Owner	Signature	of Al	Welst.	8/31/00

Shelton Drilling Corp.

P.O. Box 1059 Basalt, Colo. 81621 (970) 927-4182 Lic. # 1095

RECEIVED

FEB 1 3 2002

WATER RESOURCES STATE ENGINEER

FEB 11'02

CLENWOOD

COLO Invoice #sC-1607OURCES

Name : .	Phillip Bain	Date : 08/16/00
Address : City, St, Zip : Phone # :	P.O. Box 533	Permit # :
	Silt, Co. 81652	Location : Rifle
	(970) 625-5550	

Hole Size	Depth	Type	Casing ID	Casing OD	From-To
9.0	40	Steel	6.5	7.0	0-40
6.5	232	PVC	5.0	5.5	32-232

Perforated Ft: ft * Estimated: 3 apm Static Level: 173 ft Total Drilled: 232

Recommended Pump Set Depth 225 Ft. Pumping 3 **GPM**.

For Pump Installation We Recommend: Aqua Tec Pump

984-0311 (Tom Platzer)

Samuelson Pump 945-6309 (Raun Samuelson)

945-6159 (Rick Holub) J&M Pump Co

Special Instructions:

				-	ntal Invoice			-	4.600.00
					0.00				0.00
Price Per Foot	200	Feet	0	\$	23.00	Per Foot	=	\$	4,600.00

\$4,600.00 Conditions Of Payment:

PLEASE READ THE FOLLOWING RECOMMENDATIONS

- 1. * WE STRONGLY RECOMMEND A VALID PUMP TEST BE CONDUCTED BY A LICENSED PUMP INSTALLER TO DETERMINE THE ACTUAL WELL PRODUCTION AND WATER QUALITY. THIS SHOULD ESTABLISH THE ACTUAL WELL PRODUCTION PARAMETERS WHICH WE CANNOT DETERMINE WHILE DRILLING.
- 2. OUR GUARANTEE IS VALID ONLY IF A LICENSED PUMP INSTALLER INSTALLS THE PUMPING SYSTEM !!
- 3. On Monitoring/Observation Holes (test holes) it is the customer's responsibility to obtain the proper permit before the well is put to beneficial use (within one year) or the State may require the hole be plugged and abandoned. We will be happy to assist you whenever possible in filling out the appropriate well application.
- 4. The landowner is ultimately responsible for the plugging and abandoning of dry holes or replaced wells, according to State Rules and Regulations. Please contact us for details and/or prices.
- 5. ALL INVOICES DUE AND PAYABLE WITHIN 10 DAYS OF INVOICE DATE, UNLESS PRIOR ARRANGE-MENTS ARE MADE. A 1.5% HANDLING CHARGE PER MONTH MAY BE ADDED 15 DAYS FROM FIRST BILLING.

Please call us if you have any questions.

THANK YOU

Name: Tony Barrie

Unique ID: BARRIE-5S92W-25 Address: 5721 CR 233, Silt, CO

Phone: 970-876-2677

Date Sampled: August 14, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







Name: Jim Becker

Unique ID: BECKER-6S91W-6 Address: 4520 CR 214, Silt, CO

Phone: 970-309-2713

Date Sampled: August 8, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





SA

WRJ-25-74

THIS FORM MUST BE SUBMITTED PRIOR TO THE EXPIRATION OF THE PERMIT: TYPE OR PRINT IN BEACK INK.	300 Columbine Bldg., 1845 Sherma	
COPY OF ACCEPTED STATEMENT MAILED	Denver, Colorado 80203	KPrc.
ON REQUEST.	STATE OF COLORADO	S. AFFIDAVIT
	COUNTY OF GARFIELD	RECEIVED OCT & DESOURCE
	4	O'76
	STATEMENT OF BENEFICIAL USE OF	GROUND WATER NOV 10'76 RECEIVED
	AMENDMENT OF EXISTING RECORD	WATER RESOURCES STATE ENGINEER COLO. NOV.23 '76
	halla	(3)(0)
	PERMIT NUMBER	LOCATION OF WELL WATER RESOURCES
	OHN + PAULINE BECKER CO	800
whose mailing address is 4520	COUNTY RD 214	S W % of the N W %, Section 6
City NEW CAS	STLE COLO 81647 TW	p. 6 S (N OR S) , Rng. 91 W (E OR W), 6 P.M.
being duly sworn upon	oath, deposes and says that he (they) is (are) the ov	wner(s) of the well described hereon; the well is
located as described o	above, at distances of 2400 feet from the $\frac{No}{NOATH}$	R + + section line and 761 feet from the
LEAST ON WEST!	ne; water from this well was first applied to a beneficial	42
day of Augus	\pm , 19 76 ; the maximum sustained pumping rate of th	e well is <u>38</u> gallons per minute, the pumping
0	$s = \frac{15}{88}$ Is allons per minute; the total depth of the v	***
	d is 3 acre-feet; for which claim is hereby ma	
LIVESTOC	K purpose(s); the legal description of the	ne land on which the water from this well is used is
	NW4 of Sec 6. TS. 6 SOUTHRAM	
with the permit appro-	vich is illustrated on the map on the reverse side of this ved therefor; this statement of beneficial use of ground dements made hereon; knows the content thereof; and the	water is filed in compliance with law; he (they) has
Signature(s)	line Backer John Backer	
Subscribed and sworn to before me on this		FOR OFFICE USE ONLY
My Commission expire	es: June 1, 1980	Prior Mo Doy Yr
<u></u>	Mardy Prenterguit	Div. 5 cty. 23
	ING BY THE STATE ENGINEER OF COLORADO	Sec ¼, ¼, ¼,

Prior.		Doy Y	r
Div. 5	Cty	23	
		¼,	¼
Well Use 3			
Dist. 39_	Basin	Man. Dis	

DEC 15 1976 Bruce & DEPUTY STATE ENGINEER

Qa. Stallown

COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St., Denver, Colorado 80203

PERMIT APPLICATION FORM

RECEIVED

11 40 +

OCT 177

Application be complete where applicable. Type or print in BLACK print in BLACK INK. No overstrikes or erosures unless initialed, Proper fee must be submitted

() A PERMIT TO USE GROUND WATER FOR: A PERMIT TO CONSTRUCT A WELL

() REPLACEMENT FOR NO. _

com

WATER RESOURCES STATE ENGINEER COLO.

with the application. () OTHER	
(1) APPLICANT - mailing address	FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN
NAME JOHN BECKER	Receipt No. 56508 /
STREET 0345 Rd 262	Basin Dist
CITY NEW GASTIE Golo 81647 (Zip)	CONDITIONS OF APPROVAL
TELEPHONE NO.	This well shall be used in such a way as to cause no material injury to existing water rights. The
(2) LOCATION OF PROPOSED WELL	issuance of the permit does not assure the applicant that no injury will occur to another vested water
county GARfield	right or preclude another owner of a vested water right from seeking relief in a civil court action.
5 W 1/4 of the NW 1/4, Section 6	
Twp. 6 5, Rng. 91 W, 6 P.M.	
(3) WATER USE AND WELL DATA	
Proposed maximum pumping rate (gpm)	
Average annual amount of ground water to be appropriated (acre-feet):	
Number of acres to be irrigated: NoNE	
* Proposed total depth (feet): 125'	
Aquifer ground water is to be obtained from:	
GRAVELS OR SANDSTONE	
Owner's well designation	
GROUND WATER TO BE USED FOR:	e 52
() HOUSEHOLD USE ONLY - no irrigation (0) () DOMESTIC (1) () INDUSTRIAL (5) () LIVESTOCK (2) () IRRIGATION (6) () COMMERCIAL (4) () MUNICIPAL (8)	* *
() OTHER (9) NONE	APPLICATION APPROVED
	I.D. 5 W.D. 39 COUNTY 23
(4) DRILLER	PERMIT NUMBER 77160
Name Mountain Whilling Co.	DATE ISSUED 0CT 2 3 1974
Street 5062 Go Rd 113	EXPIRATION DATE OCT 231976
City Carbon dale Golo 81623	A. W. Erker -
Telephone No. 945-5148 Lic. No. 697	BY BULL & BEBLING

Name: John Bellio

Unique ID: BELLIO1-5S92W-2 Address: 2980 CR 214, Silt, CO

Phone: 970-876-5016

Date Sampled: August 9, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





			OD OFFIAR LINE	4.5.11.3.C	
WELL CONSTRUCTION AND TEST RE		FOR OFFICE USE ONLY			
STATE OF COLORADO, OFFICE OF THE STATE	ENGINEER	0370	0477		
1. WELL PERMIT NUMBER 183310-A	· · · ·			CEIVED	8
Owner Name(s): John & Margaret Bellio			z net	2 6 2000	
Mailing Address : P.O. Box 150		1	001	£ 6 2000	
City, St. Zip : Silt, Co. 81652			WATE	HHESCHHOES	,
Phone (970) 876-2963 3. WELL LOCATION AS DRILLED: NE 1/4 SE	···		PROVAL # GW93		
DISTANCES FROM SEC. LINES:	1/4 Sec.	2 Twp.	. 06\$ Ra	inge 92W	
2527 ft. from South Sec. line, and	620 ft	. from	East Sec.	line. OR	
SUBDIVISION:	LOT	BLOCK	FILI	NG(UNIT)	
STREET ADDRESS AT WELL LOCATION :					
4 GROUND SURFACE ELEVATION ft.	DRIL	LING METHO	D Air Rotan	V	
DATE COMPLETED 10/03/00 TOTAL	DEPTH 100	2	PTH COMPLE	8	100 ft.
5. GEOLOGIC LOG :	6. HOLE DIA	1	FROM (ft)		TO (ft)
Depth Type of Material (Size, Color, and Type)	9.0		0		40
000-015 Topsoil	6.5		40		100
015-100 Wasatch Formation		.,			***************************************
	7. PLAIN CA	SING	· · · · · · · · · · · · · · · · · · ·		
A-PAID-REAL-BUSA-BUILD	OD (in)	Kind	Wall Size	From (ft)	To (ft)
	7.0	Steel	0.240	-1	40
	5.5	PVC	0.250	22	40
	5.5	PVC	0.250	80	100
	1 0.0	., +0	0.200		100
	PERF. CASIN	C · Coroon C	lat Cisa	<u> </u>	
	5.5	PVC		40	T - 00
	3.5	PVC	.250	40	80
		No.			
, , , , , , , , , , , , , , , , , , , ,	8. Filter Pack		9. Packe	r Placement	
	Material:		Type :		
WATER LOCATED: 42-80	Size :	1.5	Depth :		
TATLE CONTED !	Interval :		Dopui.		
REMARKS:	10. GROUTIN	NG DECAPA			
1			· · · · · · · · · · · · · · · · · · ·	20000	
1	Material	Amount	Density	Interval	Placement
W. ×	cement	5 sks	16 gal	10-40	poured
1]	
A STATE OF THE PARTY OF THE PAR					1992/07/16
11. DISINFECTION: Type: HTH	- Landa and a		Amt. Used :	3 oz.	W 1
12. WELL TEST DATA: [] Check Box If Test Data is Submit	ted On Supplen	nental Form.			
TESTING METHOD: Air Compressor Static Level: 17 ft. Date/Time Measured:	10/17/2000	Pro	duction Rate	: 12	gpm.
Accordance and the control of the co	CONTRACTOR CONTRACTOR AND				- 10 ²⁰
Pumping Level: Total ft. Date/Time Measured:	10/17/2000	Te	st Length:	2	hrs.
Remarks:		antia Carlar Adda	14 /44(/// 25 Vol. 1 // 1 // 1		
13. I have read the stelements made herein and know the contents thereof, and that they are true perjury in the second degree and is punishable as a class 1 misdemeanor.) CONTRACTOR: Shelton Drilling Corp.	то ту ктюмнеаде. (Ригни	mint to Section 24-4-10			
Mailing Address : P.O. Box 1059 Başalt. Co. 8162:	1/	17	Phone : (970 Lic No. 109	5	
Name / Title (Please Type or Print) Signature				That.	10/16/00
Wayne Shelton / President	wyn				. 3, . 0, 00

ORIGINAL

Name: John Bellio

Unique ID: BELLIO2-5S91W-32 Address: 2543 CR 214, Silt, CO

Phone: 970-876-5016

Date Sampled: August 9, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





VJR-26-77 THIS FORM MUST BE S WITHIN 60 DAYS OF CO OF THE WORK DESCRI DN. TYPE OR PRINT IN NK.	SUBMITTED (2) 1313 Sher OMPLETION Denv	man Streer, Colo	F WATER RESOURCES Seet - Room 818 OCT 3 1 1979 MP INSTALLATION REPORT 105767
WELL OWNERH	. John Bellio		SE % of the SW % of Sec. 32
ADDRESS 2	490 So. Harlam St. akewood, Co. 80227 9 - 24 WELL LOG	19 <u>79</u>	T. 5 S R. 91 W 6th P.M HOLE DIAMETER 8 in, from 0 to 200 ft.
From To	Type and Color of Material	Water Loc.	in, from to ft.
	Top soil Brown Clay		in, from toft. DRILLING METHODCable tools CASING RECORD: Plain Casing
			Size 5" & kind plastic from 0 to 58 ft
	Brown clay & bentonite	1	Size 5" & kind plastic from 78 to 180 ft.
40 58	Brown shale		Size & kind from to ft
58 70	Sand & gravel	581	Size & Kind from to from to from to from
			Size & kindplastic from from & kind from from & kind from to from
	TOTAL DEPTH		Sustained Yield (Metered)

Name: John Bellio

Unique ID: BELLIO3-5S92W-2 Address: 3204 CR 214, Silt, CO

Phone: 970-876-5016

Date Sampled: August 9, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







Name: Deena and John Blair Unique ID: BLAIR-5S92W-36 Address: 407 CR 261, Silt, CO

Phone: 970-876-5091

Date Sampled: August 1, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







Blair-5592W-36

FORM NO. WELL CONSTRUCTION AND TEST FORM NO. STATE OF COLORADO, OFFICE OF THE STATE					
1: WELL PERMIT NUMBER042426-F					
2. OWNER NAME(S) Linda Graviett Mailing Address 0407 CO RD 261 City, St. Zip Silt, CO 81652 Phone (303) 876-2358	AUG 2 3 '93 WATTER RESOURCES STAVE BAGINEER COLO.				
3. WELL LOCATION AS DRILLED: NE 1/4 SE 1/4, Sec. DISTANCES FROM SEC. LINES: 2550 ft. from South Sec. line. and 280 SUBDIVISION: STREET ADDRESS AT WELL LOCATION:					
4. GROUND SURFACE ELEVATION +1 ft. DRI DATE COMPLETED 08/06/93 TOTAL DI	(1±5)				
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) 0-75	6. HOLE DIAM. (in.) From (ft) To (ft) 9" 0 30 7" 30 81 6½" 81 120				
water located 100-110'	7. PLAIN CASING OD (in) Kind Wall Size From(ft) To(ft) 7" steel .250 0 81 5" PVC .250 72 80 5" PVC .250 110 120 PERF. CASING: Screen Slot Size: 5" PVC .250 80 110				
	8. FILTER PACK: Material Size Interval 9. PACKER PLACEMENT: Type Depth				
REMARKS:	10. GROUTING RECORD: Material Amount Density Interval Placement cement 20 gal 5-1 5-15' gravity				
11 DISINFECTION: Type HTH	Amt. Used 4 TBS				
WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form. TESTING METHOD bailer Static Level 17 ft. Date/Time measured 08/06/93 , Production Rate 15 gpm. Pumping level 30 ft. Date/Time measured 08/06/93 , Test length (hrs.) 1.5 hrs.					
Remarks					
Name/Title (Please type or print) Steve Shelton/owner	TEUE #EC7200 Date 08/09/93				

WELL COMPLETION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER RECEIVED Div 5						
WELL PERMIT NUMBER 42426-F 94357 VE APR 21'94 Comp 8-6-5						
OWNER'S NAME(S) Linda Graviett Mailing Address 0407 County Road 261 City, St. Zip Silt, Co. 81652 Phone (303) 876-2358	WATER ESTATE D374958 STATE ENGINEER COLO. AU 11/10/94 B74958 APPROVAL # GWS81-91-08 A					
WELL LOCATION AS DRILLED: NE 1/4 SE 1/4 Sec. 36 Twp. 5S , Range 92W DISTANCE FROM SEC. LINES: 2550 Ft. From South Sec. Line. And 280 Ft. From East Sec. Line. Of SUBDIVISION: LOT BLOCK FILING (UNIT) STREET ADDRESS AT WELL LOCATION: 4. GROUND SURFACE ELEVATION ft. DRILLING METHOD: Air Rotary DATE COMPLETED 04/04/94 TOTAL DEPTH 280 ft. COMPLETED DEPTH 180 ft.						
5. GEOLOGIC LOG:	6. HOLE DIAM. (in) FROM (ft) TO (ft) 9.0 0.0 81					
Depth Type of Matorial (Size Color, Type and Water Located) 120-200 Wasatch Formation	6.5 81 190					
	5. 180 200					
	7. PLAIN CASING OD(in) Kind Wall Size From (ft) To (ft) 7. 0 Steel 0.240 0.0 81 5.5 PVC 0.250 50 150					
	PERF. CASING : Screen Slot Size : 5.5 PVC 0.250 150 170					
WATER LOCATED : 160	8. Filter Pack 9. Packer Placement Material Type Size Depth					
	10. GROUTING RECORD: Material Amount Density Interval Placement					
REMARKS: Drilled under Verbal # 94-VE-077	cement ? 6 gal/s@ poured					
11. DISINFECTION: Type HTH Amt. Used 4 oz. 12. WELL TEST DATA: [] Check Box If Test Data Is Submitted On Supplemental Form. TESTING METHOD: Air compressor Static Level: ft. Date/Time Measured 04/04/94 Production Rate 8 gpm Pumping Level: Total ft. Date/Time Measured 04/04/94 Test Length (hrs) 2 Remarks: These read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-104 (13)(a) CRS, the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.)						
CONTRACTOR: Shelton Drilling Co. Phone: 303-9: Mailing Address: PO Box 1059 Basalt, Co. 81621	Daie					
Name / Title (Please Type or Print) Wayne Shelton / Owner Signature ayre butter 04/19/94						

ORIGINAL

FOR OFFICE USE ONLY WELL COMPLETION AND TEST REPORT RECEIVED STATE OF COLORADO, OFFICE OF THE STATE ENGINEER **WELL PERMIT NUMBER** 42426-F NOV 0 2 '94 OWNER'S NAME(S) Linda Graviett WATER RESOURCES STATE EXCEDIBLES Malling Address 0407 County Road 261 CHANGE OF City, St. Zip Silt, Co. 81652 APPROVAL # GW531-91-03 Phone (303) 876-2358 Twp. 55 , Range 92W 36 WELL LOCATION AS DRILLED: 1/4 Sec. NE 1/4 SE DISTANCE FROM SEC. LINES: Sec. Line. Or Ft. From East South Sec. Line. And 280 2550 Ft. From BLOCK FILING (UNIT) LOT SUBDIVISION: STREET ADDRESS AT WELL LOCATION: ft. DRILLING METHOD: Air Rotary **GROUND SURFACE ELEVATION** 190 ft. COMPLETED DEPTH 180 ft. . TOTAL DEPTH DATE COMPLETED 08/25/94 TO (ft) 6. HOLE DIAM. (In) FROM (ft) 5. GEOLOGIC LOG: 90 0.0 9.0 Type of Material (Size, Color, Type and Water Located) Depth 80 180 6.5 120-190 Wasatch Formation 100 190 5. 7. PLAIN CASING Wall Size From (ft) To (ft) Kind OD(in) 80 0.240 0.0 7.0 Steel 140 5.5 PVC 0.250 10 PERF. CASING : Screen Slot Size : 0.250 160 5.5 PVC 8. Filter Pack 9. Packer Placement Material Type Formation WATER LOCATED: 140+ Siza Depth 120, 140 Interval 10. GROUTING RECORD: REMARKS: Drilled under Verbal # 94-VE-357. Material Amount Density poured 6 gal/sM0-40 cement 5 sks drilled a new well Amt. Used DISINFECTION: Type HTH WELL TEST DATA: [] Check Box if Test Data is Submitted On Supplemental Form. TESTING METHOD: Air compressor Production Rate 10 gpm 20 ft. Date/Time Measured 08/25/94 Static Level: Test Length (hrs) 2 ft. Date/Time Measured 08/25/94 Pumping Level: Total Remarks: I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-104 (19)(a) CRS, the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.) Phone: 303-927-4182 Lic. No. 1095 CONTRACTOR: Shelton Drilling Co. Co. Mailing Address : PO Box 1059 Basalt Date Name / Title (Please Type or Print) 09/06/94 Wayne Shelton / Owner

Name: Big R Enterprises (Bob Regulski)

Unique ID: BRE-6S93W-11

Address: 28485 Hwy 6124, Rifle, CO

Phone:

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







COLORADO DIVISION OF WATER RESOURCES	Office Use Only Form GWS-45 (1/200-				
DEPARTMENT OF NATURAL RESOURCES 1313 SHERMAN ST., RM 818, DENVER, CO 80203	RECEIVED				
phone - info: (303) 866-3587 main: (303) 866-3581	RECEIVED RECEIVE				
Lfax: (303) 866-3589 http://www.water.state.co.us	The state of the s				
GENERAL PURPOSE	NOV 0 PT 22 04				
Water Well Permit Application Review instructions on reverse side prior to completing form.	WATER WALER RESCUEDED				
The form must be completed in black ink.	WATER RESOURCES STATE ENGINEER WATER RESOURCES				
1. Applicant Information	6. Use Of Well (check applicable boxes)				
Name of applicant Robert M. Regulski, Peth Holdings, L.P. & Richard N.	Attach a detailed description of uses applied for.				
Casey	☐ Industrial ☐ Other (describe): —— Irrigation of 0.50				
Making address c/o P.O. Box 9	☐ Municipal acres of landscaping; commercial; vehicle washing not to exceed 12 hours per day				
City ; State Zip-code	. G Commercial				
Rifle CO 81650	7. Well Data (proposed)				
Telephone #	Maximum pumping rate Annual amount to be withdrawn				
970- 625-2410 2. Type Of Application (check applicable boxes)	20 gpm -11.046 acre-feet				
☐ Construct new well ☐ Use existing well	Total depth Aquifer Colorado Rivor Allunium				
Replace existing well	-57 feet Colorado River Alluvium				
Change source (aquifer) Reapplication (expired permit)	8. Land On Which Ground Water Will Be Used				
f Other amend permit to comply with decree 3. Refer To (if applicable)	Legal Description (may be provided as an attachment). See attached Exhibit B				
Well permit # Water Court-case #					
-051461-F 00CW104/94CW 00.3 Designated Basin Determination # Well name or #					
Regulski Well No. 2					
4. Location Of Proposed Well	(If used for crop irrigation, attach a scaled map that shows irrigated area.)				
Garfield SE 1/4 of the NE 1/4	A. # Acres B. Owner				
Secuon Fownship Nor'S Range E or W Principal Mendian	0.50 Applicants				
11 6 DØ 93 DØ 6th	C. List any other wells or water rights used on this land: Grand River Ditch Shares				
Distance of well from section lines (section lines are typically not property lines) 2290 Ft. from 🖾 N 🗆 S .1215 Ft. from 🖾 E 🗆 W	9. Proposed Well Driller License #(optional):				
For replacement wells only - distance and direction from old well to new well	10. Signature Of Applicant(s) Or Authorized Agent				
feet direction Well location address (if applicable)	The making of false statements herein constitutes perjury in the second				
28485 Highway 6 & 24, Rifle. CO	degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104 (13)(a). I have read the statements herein, know the contents				
Optional: GPS well location information in UTM format	thereof and state that they are true to my knowledge. Sign nere (Must be original signature) Date				
Required settings for GPS units are as follows:	See attached signature page				
Format must be UTM Zone must be 13 Alouthing	Print name & title				
Units must be Meters	100				
Datum must be NAD27 (CONUS) Unit must be set to true north Easting	Office Use Only				
Were coints averaged? _YES _ NO	USGS map name DWR map no. Surface elev.				
5. Parcel On Which Well Will Be Located	04/01/04				
A. Legal Description (may be provided as an attachment):	Barb w.'// Receipt area only				
See attached Exhibit A	Add-155				
1.007	X-Refe				
ere .	#51461-F				
	46941-F				
	W 4 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -				
	WE RECEIPT# 9501796				
B. # of acres in parcel C. Comer 10.313 Peth Holdings, L.P.	WE PERMIT # 6/849-F				
D. Will this be the only well on this parce? TYES NO (if no - list other wells)	WR PERMIT # 61899-F CWCB TAX # ROO 5065				
See and the part of the barren. The 150 Plant of the part would	AND MOTIFIED				
E. State Parcel ID# (optional):	MYLAR SB5 DIV 5 WD 39 BA MD				
2177-111-00-474	S85 DIV WD Z BA MD				

EPORT DATE hù Jul 22 10:36:41 MDT 2004

COLORADO WELL APPLICATIONS AND PERMITS COLORADO DIVISION OF WATER RESOURCES

Receipt 9113507 Permit 4601

5

Wd

39

Zip 81650

Basin

Full Name CHAMBERS GLEN

Address

Div

Md

Engineer

User

Uses

DOMESTIC

City RIFLE State CO

Telephone () ·-

Case Permit XRef

Well Name

County

GARFIELD

Q10

Q40 NE

Q160 SE 11

Sec Ts 6

South 93 West Rng

Pm Sixth

Filing

Block Lot

Parcel Size PIN

0.00

Main Activity

Subdivision

Interim Status

Last Action

Permit Issued

Permit Expires

Expire Notice Sent

Well Const Report

Well Const Complete
Well Report (Non-trib)
Pump Install Report
Pump Install Complete

1st Beneficial Use 10-08-1959

Statement Benef. Use Benef Use (Non-trib)

Abandonment Report

Well Plugged

Pump Rate Ann Amt Depth 0.00 0 0.00 Proposed

MCV O7

68

0.00 20.00 Actual

0.00 **Irrigated Area** acres

0 Elevation

Perf Casing Top

Perf Casing Bottom 0

Water Level

ALL UNNAMED AQUIFERS Aquifer1

Aquifer2

Driller

Pump Installer

Meter Log Qual AbReq Statute

> No No No No

Comment

Name: Jim and Jackie Brownson Unique ID: BROW-5S92W-32 Address: 3181 CR 233, Rifle, CO

Phone:

Date Sampled: August 15, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No





Name: Cedar Hills Ranch (Kent Lohse)

Unique ID: CHR-6S91W-1 Address: 4073 CR 214, Silt, CO

Phone: 970-618-1667

Date Sampled: August 1, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







Name: Jim Chenowetch

Unique ID: CHENO-6S91W-5 Address: 6411 CR 214, Silt, CO

Phone: 970-984-3161

Date Sampled: August 4, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Marvin Coller

Unique ID: COLLER-5S91W-4

Address: 7000 CR 214, New Castle, CO

Phone: 970-984-2807

Date Sampled: August 10, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No



Well head under bucket



Colley - 5591W-4

WJR-26-77

INK.

THIS FORM MUST BE SUBMITTED

WITHIN 60 DAYS OF COMPLETION

OF THE WORK DESCRIBED HERE-

ON. TYPE OR PRINT IN BLACK

WAEA

RECEN

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818 Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT PERMIT NUMBER 119031

MAR 2 4 1988

WATER RESOURCES STATE - ENGINEES

VELL O	WNER _	Marvin Coller		SE % of the NW % of Sec. 4
ADDRES	ss P	O. Box 258, New Castle, CO		T. 6 S , R. 91 W , 6th P.M.
DATE C	OMPLET	ED February 8	, 19 <u>86</u>	HOLE DIAMETER
		WELL LOG		
From	То	Type and Color of Material	Water Loc.	_63 ^N in. from 99 to 102 ft.
0	52"	Clay & Fill		DRILLING METHOD Cable tool CASING RECORD: Plain Casing
52	98•	Sand & Gravel	73°	Size7" & kind _Stee1from _0 to84ft.
98	102*	Wasatch Bedrock	98°	Size & kind from to ft.
		1		Size & kind from to ft.
				Perforated Casing
	}			Size 7 & kind Steel from 84 to 99 ft.
		Ä		Size & kind from to ft.
				Size & kind from to ft
				GROUTING RECORD
				Material Cement
				Intervals 5 - 15°
			1	Placement Method Gravity
	į			GRAVEL PACK: Size
			}	Interval
				TEST DATA
l				Date Tested February 8 , 19 86
				Static Water Level Prior to Test f
				Type of Test PumpBailer
				Length of Test 2 Hrs.
		1		Sustained Yield (Metered)12 GPM
	Use	additional pages necessary to complete log.	1	Final Pumping Water Level
L				~

Name: Tim Copeland (Copeland Concrete)

Unique ID: COPE-6S93W-11 **Address:** 28803 Hwy 6, Rifle, CO **Phone**: 970-625-8977

Date Sampled: August 14, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No





Name: Iris Copeland

Unique ID: COPE-6S92W-2 **Address:** 925 CR 218, Silt, CO **Phone**: 970-876-5535

Date Sampled: August 4, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





WELL CONSTRUCTION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER		For Office Use only			
		RECEIVF'			
1. WELL PERMIT NUMBER 18/155 MIT	#3183	NOV 25	, ' 9.		
2 OWNER NAME(S) IRIS V CO PERALE Mailing Address 10<1 Do No by CT ROBH 1445 City, St. Zip 51/F CD 81/65 Phone () 876-5535		WATER HESCH			
3. WELL LOCATION AS DRILLED: SW 1/4 SW 1/4, Se DISTANCES FROM SEC. LINES: 690 ft. from South Sec. line. and 1168 SUBDIVISION: STREET ADDRESS AT WELL LOCATION: 1803		Sec. line. OR			
4. GROUND SURFACE ELEVATIONft. DRII			12/		
DATE COMPLETED 9/11/94. TOTAL D			10000		
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) 0 - 34 Overboreden Same	6. HOLE DIAM. (in	1.) From (ft) To	25 124		
34-92 Red to BROWN Cly 92-124 Red Shale w FRACTE	7. PLAIN CASING OD (in) Kind / 65/8 S/e PERF. CASING:	Wall Size 203 50640 Screen Slot Size:	From(ft) To(ft) 0+1 35 23 99 1/8 x 6 99 1/24		
	8. FILTER PACK: Material Size Interval	9. PACK Type Depth	ER PLACEMENT:		
REMARKS:	10. GROUTING I	Density Interval	Placement		
11 DISINFECTION: Type City WATER + Colorox	Amt. Used	-GA1.			
12 WELL TEST DATA: Check box if Test Data is submit TESTING METHOD HIP Static Level 86 ft. Date/Time measured 9/10 Remarks	ted on Form No. GW		Vell Test. 10 gpm. 3		
13. I have read the statements made herein and know the contents thereof, a C.R.S., the making of false statements herein constitutes perjury in the se CONTRACTOR CONTRACTOR CONTRACT	cond degree and is punis	hable as a class 1 misdem) 945-4079 523	Section 24-4-104 (13)(a) eanor.] Lic. No. <u>634</u> . ate		

Name: Kevin Costanzo

Unique ID: COSTANZ-6S92W-6 Address: 514 CR 225, Rifle, CO

Phone: 970-625-2481

Date Sampled: August 1, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes



7	WELL	CONSTRUCTION AND TEST RE	PORT		FOR OFFICE USE	ONLY	19	
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER		ER		REC	EIVED			
1.								
-		PERMIT NUMBER 053597-F ame(s): Kevin & Lynda Costanzo				AUG	0 4 2000	
2.		ddress: 0188 County Road 226					N. Thicke	
	City, St. 2	And the second s				STA	E ENGINEER COLO.	
	Phone	(970) 625-2481			APPROVAL # GWS3			
3.	WELL LO	CATION AS DRILLED: NW 1/4 SE	1/4 Sec	c. 6 T	wp. 06S R	ange 92W		
П	DISTANO	CES FROM SEC. LINES:						
		50 ft. from South Sec. line, and	1550	ft. from	2/4	. ljne, OR		
		SION : Cose exemption	LOT	2 BLOC	K FIL	NG(UNIT)	3	
Ш		ADDRESS AT WELL LOCATION:		51/ 1 INIO NOS	FLASS ALS BALS			
4		SURFACE ELEVATION ft.		VERM AN	THOD Air Rota	TO THE REAL PROPERTY OF THE PARTY OF THE PAR	۰, ۵	
	DATE CO	OMPLETED 06/15/00 TOTAL	DEPTH	80 ft.	DEPTH COMPL	ETED	80 ft.	
5.	GEOL	OGIC LOG :	6. HOLE	DIAM. (in)	FROM (ft)		TO (ft)	
3.	Depth	Type of Material (Size, Color, and Type)	- 5	9.0	Ö		50	
H	000-033	Clays, Sand	1	3.5	50		80	
<u> </u>	033-050	Gravels, Sands						
	050-080	Clays, Sands	7. PLAIN	CASING			200	
			OD (in)	Kind	Wall Size	From (ft)	To (ft)	
			7.0	Steel	0.240	-1	38	
			5.5	PVC	.250	60	80	
L								
L			DEDE CA	SING - Sere	en Slot Size :		J	
_			7.0	Steel	: Screen Slot Size : Steel .240 38 48			
⊩	-		5.5	PVC	.250	40	60	
-		and the second s	-			1868		
		And the state of t	8. Filter P	ack	9. Paci	er Placemen		
l			Material:		Туре	:		
1	WATER LO	OCATED: 33-50	Size:		Depth	:		
ı			Interval :					
1	REMARKS	5 :	10. GRO	UTING REC	ORD :			
			Meterial	Amount	Density	Interval	Placement	
1			cement	3 sks	16 gal	10-25	poured	
L	4 5151115	CTION: Type: HTH			Amt. Used	: 3 oz.		
		CTION: Type: HTH ST DATA:[] Check Box If Test Data is Submi	tted On Sun	plemental Fo				
112		METHOD: Air Compressor	uod on oup	piomornant				
I	Static Le	vel: 18 ft. Date/Time Measured:	06/15/20	. 00	Production Rate): 18	gpm.	
•	Pumping	Level: Total ft. Date/Time Measured:	06/15/20	00	Test Length:	2	hrs.	
Ì	Remarks	F (2)				120		
13		the statements made herein and know the contents thereof, and that they are to be second degree end to punishable as a class 1 miodemeanor.)	e to my knowledge.	(Pursuant to Section	24-4-104 (13)(a) CRS, the r	saking of false states	nenta constitutes	
	CONTRAC	CTOR : Shelton Drilling Corp.			Phone : (9)	70) 927-418	2	
H	Mailing Ad	idress: P.O. Box 1059 Basalt. C0. 8162	7	17	Lic. No. 1	Date	OBJACIOO	
		helton / President	ann	4			06/16/00	
-	14011100	The state of the s	-	dening dependent description				

ORIGINAL

Name: Frances Coulter

Unique ID: COULTER-5S92W-34 **Address:** 4487 CR 233, Rifle, CO

Phone: 970-625-2664

Date Sampled: August 7, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No



Name: Bob Elderkin

Unique ID: ELDERKIN-5S91W-30 Address: 1513 CR 250, Silt, CO

Phone: 970-876-2295

Date Sampled: August 1, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





WJR-26-77

INK.

THIS FORM MUST BE SUBMITTED

WITHIN 60 DAYS OF COMPLETION

OF THE WORK DESCRIBED HERE-

ON. TYPE OR PRINT IN BLACK

WARMW

2-9-97

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818 Denver, Colorado 80203

RECEIVED

MAR 1 2 1987

WATER REMOURCES

WELL COMPLETION AND PUMP INSTALLATION REPORT PERMIT NUMBER 118740-A

2010. 30 % of Sec

STATE - ENGINEER

WELL O	WNER_	Bob Elderkin		SW % of the SE % of Sec. 30
ADDRES	s1513	Road 250 Silt, Co. 81652		T. 5 S , R. 91 W , 6 P.M.
DATE C	OMPLET	ED1/7	19 87	HOLE DIAMETER
		WELL LOG		9 in. from 0 to 45 ft.
From	То	Type and Color of Material	Water Loc.	$\frac{6\frac{1}{2}}{2}$ in, from $\frac{45}{400}$ to $\frac{400}{400}$ ft.
00	40	topsoil		in. fromtt. DRILLING METHODAir Rotary
40	400	wasatch Formation	360	CASING RECORD: Plain Casing Size 7 & kind Steel from 0 to 45 ft.
			1	Size 5½ & kind PVC from 40 to 340 ft.
				Size & kind from to ft.
				Perforated Casing
		#1	1 1	Size $\frac{5\frac{1}{3}}{3}$ & kind PVC from $\frac{340}{1}$ to $\frac{400}{1}$ ft.
				Size & kind from to ft.
				Size & kind from to ft.
			1 1	GROUTING RECORD
			1 }	Material cement
10			1	Intervals 10–20
}				Placement Method Gravity
				GRAVEL PACK: Size
				Interval
				TEST DATA
				Date Tested 1/7 , 19 87
		*		Static Water Level Prior to Testft.
		29	} }	Type of Test Pump Air compressor
	1			Length of Test 2 hours
-	-	TOTAL DEPTH 400		Sustained Yield (Metered) 10+
	Use a	TOTAL DEPTH 400 additional pages necessary to complete log.		Final Pumping Water Leveltotal
				And the second section of the second section is the second section of the section of the second section of the section of the second section of the

Name: Richard and Ester Fazzi Unique ID: FAZZI-5S91W-32 Address: 1740 CR 214, Silt, CO

Phone: 970-876-2258

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





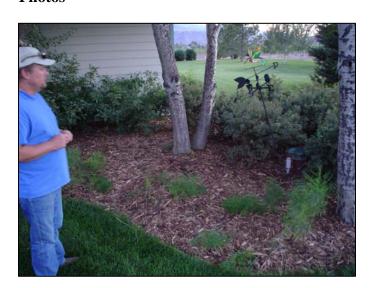
Name: Scott Fields

Unique ID: FIELDS-6S93W-1 Address: 2492 CR 210, Rifle, CO

Phone: 970-625-3244

Date Sampled: August 14, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No



Name: Ardis Green

Unique ID: GREEN-6S93W-11 Address: 603 CR 221, Rifle, CO

Phone: 970-625-1922

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Application must e complete where applicable. Type or print in BLACK INK. No overstrikes or erasures unless initialed. 818 Centennial Bldg., 1313 Sherr PERMIT APPLI APERMIT TO U APERMIT TO U FOR: (YA PERMIT TO U REPLACEMENT	FOR NO. STATE ENGINEER COLO.
	FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN
NAME Gronge D. & Ardis A. Green	Receipt No. 349922 /
STREET 0603 County Road 221	Basin Dist
CITY R: F/c (0 8/650	CONDITIONS OF APPROVAL
TELEPHONE NO. (303) 625-1922	This well shall be used in such a way as to cause
(2) LOCATION OF PROPOSED WELL	no material injury to existing water rights. The issuance of the permit does not assure the applicant
County Gar Field	that no injury will occur to another vested water right or preclude another owner of a vested water
County <u>bar Field</u> _SE % of the <u>NE</u> %, Section	right from seeking relief in a civil court action.
Twp. 6 5, Rng. 83 W. 6 +4 P.M.	2800 South
(3) WATER USE AND WELL DATA	1100 Eost
Proposed maximum pumping rate (gpm)	
Average annual amount of ground water to be appropriated (acre-feet): 3.0	B. A. 5/25/93 (400)
Number of acres to be irrigated:	,
Proposed total depth (feet): 150	plotted.
Aquifer ground water is to be obtained from: Allunium Trib to Colonado River	κ.
Owner's well designation	in jeren iz
GROUND WATER TO BE USED FOR:	27
(-LIHOUSEHOLD USE ONLY - no irrigation (0)	-103108 L.R.
() LIVESTOCK (2) () IRRIGATION (6) () COMMERCIAL (4) () MUNICIPAL (8)	1150 N 5 75 E
() OTHER (9)	APPLICATION APPROVED
DETAIL THE USE ON BACK IN (11)	
(4) DRILLER	PERMIT NUMBER
Name Colorado Licensel	OATE ISSUED
reet Driller	EXPIRATION DATE
City	(STATE ENGINEER)
	BY
Telephone No Lic. No	1.D. 5

Name: Judy and Darrell Green Unique ID: GREEN-6S93W-1 Address: 1009 CR 223, Rifle, CO

Phone: 970-625-3852

Date Sampled: July 31, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: Yes





DISTANCES FROM SEC. LINES: 3600 ft. from South Sec. line, and 1100 ft. from West Sec. Sec. Subdivision: SUBDIVISION: STREET ADDRESS AT WELL LOCATION: 1009 County Rd 223 4. GROUND SURFACE ELEVATION 550 ft. DRILLING METHOD Cab. DATE COMPLETED 8-28-80 . TOTAL DEPTH 95 ft. DEPTH 5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) O-5 Black Sound Clay 1-11 Quick Sound 1-12 Soft Sandy Clay 1-14 Clay & Cray & Cray & T. PLAIN CASING OD (in) Kind 24-40 11 7. Strel 90-43 Hand Clay & Cray & Fred 90-654 Sandy Clay 1-15 So Clay & Cray & Cray & Fred 1-16 Soft Sandy Clay 1-17 Strel 1-18 Soft Sandy Clay 1-19 Soft San	
Mailing Address 1009 County Rd. 223 City, St. Zip Rift Colo 81650 Phone (970) 625 - 3582 3 WELL LOCATION AS DRILLED: S'W 1/4 NW 1/4, Sec. / Twp. 6 DISTANCES FROM SEC. LINES: 3600 ft. from South Sec. line. and 1100 ft. from West (east or west) SUBDIVISION: STREET ADDRESS AT WELL LOCATION: 1009 County Rd 223 4. GROUND SURFACE ELEVATION 5550 ft. DRILLING METHOD Call DATE COMPLETED 8-28-80 . TOTAL DEPTH 95 ft. DEPT 5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) 0-5 Black Tepsoil S-11 Quick Sand U-18 Soft Sandy Clay 15-24 Clay Cravel 19-43 Hand Clay 2Cravel 29-50 Clay, Gravel Jand 50-54 Ked Clay	OCT 10.1995
3. WELL LOCATION AS DRILLED: S'W 1/4 NW 1/4, Sec. / Twp. 6 DISTANCES FROM SEC. LINES: 3600 ft. from South Sec. line. and 1100 ft. from West Sec. Subdivision: LOT BLO STREET ADDRESS AT WELL LOCATION: 1009 (ounty Rd 223 4. GROUND SURFACE ELEVATION 550 ft. DRILLING METHOD Cab. DATE COMPLETED 8-28-80 . TOTAL DEPTH 95 ft. DEPTH 5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) O-5 Black South Sandy Clay II-18 Soft Sandy Clay II-18 Soft Sandy Clay II-19 Soft Sandy Cla	WATER PESCURCES STATE ENDINGER COLD
DATE COMPLETED 8-28-80 . TOTAL DEPTH 95 _ft. DEPT 5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) 0-5 Black Topsoil S-11 Quick Sand U-18 Soft Sandy Clay 11-18 Soft Sandy Clay 11-24 Clay & Gravel 124-40 11 10-43 Hand Clay & Gravel 43-50 Clay Gravel & Sand 50-54 Rad Clay TOTAL DEPTH 95 _ft. DEPTH 6. HOLE DIAM. (in.) Find 70 7" 7. PLAIN CASING OD (in) Kind 7 Strel 6" PVC 90-93 Had Clay & Gravel 50-54 Rad Clay	S , Range <u>93 West</u> c. line. OR CK FILING(UNIT)
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) O-5 Black Copsoil S-11 Quick Sand U-18 Soft Sandy Clay 15.24 Clay & Gravel 24.40 10-43 Hand Clay & Gravel 43-50 Cfay, Gravel & Sand SO-54 Red Clay To HAIN CASING OD (in) Kind 7 Strel 6" PVC	
S-11 Quick sault 11-18 Soft Sandy Clay 15-24 Clay & Gravel 10-43 Hard Clay & Gravel 43-50 Clay & Gravel & FVC 50-54 Rod Clay Today	From (ft) To (ft) 0 30 30 98
28-70 Gray Clay daravels-packed DO-98 Clay sands tyravels- PVC 5" PVC Water located at 70-95" 8. FILTER PACK: Material hone Size Interval 10. GROUTING RECO	Density Interval Placement
WELL TEST DATA: Check box if Test Data is submitted on Supplemental TESTING METHOD Bailty Static Level 45 ft. Date/Time measured August 1980, P. Pumping level 95 ft. Date/Time measured August 1980, T. Remarks	roduction Rate 9 9 est length (hrs.) 2 krs
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pun of false statements hazeln constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.] CONTRACTOR CONTRACTOR Phone (970) Mailing Address COLUMN Signature	F7(-5-4(9_Lic, No.10)

Name: T.J. Guccini

Unique ID: GUCCINI-6S91W-5 Address: 6070 CR 214, Silt, CO

Phone: 970-984-3444

Date Sampled: August 7, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Gully Ventures (Joyce Hulslander) Unique ID: GULLYVENTURES-6S92W-9

Address: 32339 Hwy 6, Silt, CO **Phone**: 970-945-8314

Date Sampled: August 15, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







Name: Amber and Phil Hinkle Unique ID: HINKLE-6S92W-4 Address: 573 CR 229, Silt, CO

Phone: 970-640-0154

Date Sampled: August 8, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: Yes





Well head in well house

Name: Richard Holsan

Unique ID: HOLSAN-6S91W-6 Address: 4773 CR 214, Silt, CO

Phone: 970-379-1460

Date Sampled: August 10, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No





THIS FORM-MUST BE SUBMITTED

WITHIN 60 DAYS OF COMPLETION OF THE WORK DESCRIBED HERE-

ON. TYPE OR PRINT IN BLACK

Holson- 6592W-6

COLORADO DIVISION OF WATER RESOURCES RECEIVED

101 Columbine Bldg., 1845 Sherman St. Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT Lie

INK.		PERMIT NUI	WBER 2	2678 10.4.73 ITER RESIDENCE
WELL	WNER -	GORDEN E. + LINDA M.	HOY	5E 1/4 of the NW 1/4 of Sec. 6
ADDRE	ピナ 、 SS	RiflE Golo.		T. 6 S, R. 91 W, 674 P.A
DATE	OMPLE	TED MAY 31	1924	HOLE DIAMETER
		WELL LOG		63/4 in. from 0 to 100 ft.
From	То	Type and Color of Material	Water Loc.	in. from to ft.
0	30	OVER BURDEN + SAND STONE BOULDERS		in. from to ft.
30	100	SAND STONE	80'	CASING RECORD: Plain Casing Size 56 & kind 0250 from 0 to 80 f
				Size & kind from to f
				Size & kind from to f
				Perforated Casing Size 5 & kind 6350 from 80 to 100 f Size & kind from to f
				Size & kind from to f GROUTING RECORD Material
				Interval
				Date Tested MAY 51 , 19 7 Static Water Level Prior to Test 50 f
				Type of Test Pump BaiLER Length of Test 2 hRs
	Han	TOTAL DEPTH 100		Sustained Yield (Metered) 20 6000
1	OSE 8	guartional pages necessary to complete log.		The state of the s

Name: Norma Hughes

Unique ID: HUGHES-6S91W-4 Address: 6599 CR 214, Silt, CO

Phone: 970-984-3780

Date Sampled: August 3, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Ken Kriz

Unique ID: KRIZ-6S93W-10

Address: Rifle

Phone: 970-945-8149

Date Sampled: August 14, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





6W	RM NO. 8-32	PUMP INSTALLATION AND TEST REPORT	For Office La	e only
1.		STATE OF COLORADO, OFFICE OF THE STATE ENGINEER L PERMIT NUMBER 60288 F	5	CT 24 203
2.	OWNE Mailing City, S	ER NAME(S) KEN KRIZ. g Address 0483 Co Rd 167 St. Zip (LENWOOD Spgs Co 81601		William.
3.	SUBDI	LOCATION AS DRILLED: S(t) 1/4 SE 1/4, Sec. 10 Twp. NCES FROM SEC. LINES: The from South Sec. line and 1380 ft. from EAST (east of LOT ADDRESS AT WELL LOCATION:	Sec. line.	V-5-4-5 •
4.	Desigr Pump	Manufacturer GOU (63 Pump of GPM 10 at RPM 3450 , HP 1/2 , Volts Intake Depth 135 Feet, Drop/Column Pipe Size 1" IONAL INFORMATION FOR PUMPS GREATER THAT 50 GPM:	Completed 7/2 Model No. 10650 230, Full Load nches, Kind Sch 8	5422 Amps 4.6
		NE DRIVER TYPE: Electric Engine Other 1 Head	size inches	·
5.	Airline Flow M	REQUIPMENT: Installed Yes No, Orifice Depth ft. Monitor Tube Installed Meter Serial No. Are feet, Begins	10306324	o, Depth ft
6.	Static 1	Vell Depth 140 Date 3/10/09 Time 3/16	al Form.	
7.	DISINF	ECTION: Type CHIONOX Amt. Used	1/2 cup	
8.	Water	Quality analysis available. Yes No		
9.	Remark	ks		
	degree	read the statements made herein and know the contents thereof, ant to Section 24-4-104 (13)(a) C.R.S., the making of false statement and is punishable as a class 1 misdemeanor.] CTOR Jam Pump Inc.	s herein constitutes	perjury in the second
Ma	me/Title	ctor of the fump of the Phone (Coddress 8611-117 Rd Getenwood spas (b 81) of (Please type or print) Rd A Holub Pressont () whoul A Holub	178945 6150 601	Date 9/20/04

WELL PERMIT NUMBER 60288-F FEB 0 2 2004	WELL	CONSTRUCTION	AND TEST RE	PORT		FOR OFFICE USE	ONLY	
WELL PERMIT NUMBER 60288-F							DECEN	/CO
Owner Name(s): Ken Kriz	ı. WEI	1 DEDMIT NUMBER	60288-F				NECEIV	EU
Mailing Address: 0483 County Road 167 City, State, Zip: Glenwood Springs, Co. 81601 AFRONAL # GWS191-03 Phone # : 970-945-8149 AFRONAL # GWS191-03 WELL LOCATION AS DRILLED DISTANCES FROM SEC. LINES SW 1/4 SE 1/4 Sec: 10 Twp: 6 S Range: 93 W DISTANCES FROM SEC. LINES SW 1/4 SE 1/4 Sec: 10 Twp: 6 S Range: 93 W SUBDIVISION: LOT: BLOCK: FILING (UNIT): Easting: SUBDIVISION: STREET ADDRESS AT LOCATION ft. DRILLING METHOD Air Rotary DATE COMPLETED: 10/22/2003 TOTAL DEPTH: 1/40 DEPTH COMPLETION: 1/40 GEOLOGIC LOG	0		00288-1	1710			FEB 02	2004
City, State, Zip: Glernwood Springs, Co. 81601	4.		ry Road 167				WATER RECO	LECTO
Phone # : 970-945-8149		, F			0	DTATE FNGINGER		
WELLLOCATION AS DRILLED SW 1/4 SE 1/4 Sec: 10 Twp: 6 S Range: 93 W DISTANCES FROM SEC. LINES Sec. Line and 1380 ft. from East Sec. Line OR Northing: Easting: SUBDIVISION: LOT: BLOCK: FILING (UNIT): STREET ADDRESS AT LOCATION ft. DRILLING METHOD Air Rotary DATE COMPLETED: 10/22/2003 TOTAL DEPTH: 140 DEPTH COMPLETION: 140		6 856 B#G	15 071.61		70	TOTAL CONTRACT STREET	VC2 I O1 O2	
DISTANCES FROM SEC. LINES SW 1/4 SE SEC. Line OR Northing: Easting: SUBDIVISION: SURPIACE ELEVATION ft. DRILLING METHOD Air Rotary DATE of the Northing: Easting: SUBDIVISION: SURPIACE ELEVATION ft. DRILLING METHOD Air Rotary DATE of the Northing: Easting: SUBDIVISION: SURPIACE ELEVATION ft. DRILLING METHOD Air Rotary DATE of the Northing: Easting: SUBDIVISION: SURPIACE ELEVATION ft. DRILLING METHOD Air Rotary DATE of the Northing: Easting: SubDivision of the Northing: SubDivision of the Northin	190000000			2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				times capes
SUBDIVISION: LOT: BLOCK: FILING (UNIT):	JIST.	ANCES FROM SEC. LINES	SW 1/4 SE				E 18	
STREET ADDRESS AT LOCATION GROUND SURFACE ELEVATION R. DRILLING METHOD Air Rotary	150	ft. from South Sec. line	and 1380 ft. from	East Sec. line	OR Nort			g:
GROUND SURFACE ELEVATION ft. DRILLING METHOD Air Rotary	SUBE	DIVISION:	LOT	r: BLO	CK:	FILING (UN	IT):	
DATE COMPLETED: 10/22/2003 TOTAL DEPTH: 140 DEPTH COMPLETION: 140								
GEOLOGIC LOG	4.					and the second s		
Depth Type of Material (Size, Color, and Type) 9.0 0 40	DATI	E COMPLETED: 10/22/200	3 TOTAL DEPTH	I: 140	DEPT	H COMPLETION	ON: 140	
Digin Type	5. GEO			6. HOLE DIAMI	ETER (in)		1)	
OII-140 Wasatch Formation	Depth		olor, and Type)	10000000				
7. PLAIN CASING				0.3	· · · · · ·	40		140
To Steel 0.240 -1 40						- W 1101	F (A)	T- (A)
S.5 PVC 0.250 20 40						11,000,000	The state of the s	
PERF. CASING: Screen Slot Size 5.5 PVC 0.250 40 80 8. Filter Pack Material: Type: Depth: Size: Depth: Interval: 10. GROUTING RECORD Material Amount Density Interval Placement Cement 5 sks 6 gal/sk 10-40 poured 1. DISINFECTION: Type: HTH Amt. Used: 4 oz. 2. WELL TEST DATA: () Check Box If Test Data Is Submitted On Supplemental TESTING METHOD: Air Compressor Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Peasured 10/22/2003 Test Length: 2 hours Phone: (970) 927-4182 Lic. No. 1095 Name / Title (Please Type or Print) Signature Wayne Shelton / President	7977							
S.5 PVC 0.250 40 80			7.34	5.5	PVC	0.250	80	140
S.5 PVC 0.250 40 80				DEDE CASI	NG · Scre	en Slot Size		
Material: Type: Depth: Depth: Depth:		12-					40	80
Material: Type: Depth: Depth: Depth:					0.000.72			
Material: Type: Depth: Depth: Depth:	Y			0 F11 D 1			Deeles Dises	
Size: Interval: Depth :	Water Loca	ted: 40 - 80						mem
10. GROUTING RECORD Material Amount Density Interval Placement	Water Eccu						Depth:	
Material Amount Density Interval Placement Cement 5 sks 6 gal/sk 10-40 poured 1. DISINFECTION: Type: HTH Amt. Used: 4 oz. 2. WELL TEST DATA: () Check Box If Test Data Is Submitted On Supplemental TESTING METHOD: Air Compressor Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Test Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt Co 81621 Name / Title (Please Type or Print) Wayne Shelton / President Material Amount Density Interval Placement Amt. Used: 4 oz. Production Rate 3 gpm Test Length: 2 hours Test Length: 2 hours Lic. No. 1095 Date 10/30/2003	Remarks:			Interval :		2400 m		
Cement 5 sks 6 gal/sk 10-40 poured 1. DISINFECTION: Type: HTH 2. WELL TEST DATA: () Check Box If Test Data Is Submitted On Supplemental TESTING METHOD: Air Compressor Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Test Remarks: 3. Thave read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perpiny in the second degree and is punishable as a class 1 misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt, Co 81621 Wayne Shelton / President Date 10/30/2003							l lateral	Diagoment
1. DISINFECTION: Type: HTH 2. WELL TEST DATA: () Check Box If Test Data Is Submitted On Supplemental TESTING METHOD: Air Compressor Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Test Remarks: 3. Thave read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjuly in the second degree and is pumchable as a class 1 misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt. Co 81621 Wayne Shelton / President Mayne Shelton / President					200000000000			L. Principle Control Control
2. WELL TEST DATA: () Check Box If Test Data Is Submitted On Supplemental PESTING METHOD: Air Compressor Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Pest Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjury in the second degree and is pumishable as a class I misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt. Co 81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003				Centent	J JKJ	- Guirsk		pourou
2. WELL TEST DATA: () Check Box If Test Data Is Submitted On Supplemental PESTING METHOD: Air Compressor Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Pest Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjury in the second degree and is pumishable as a class I misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt. Co 81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003								
Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Test Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt, Co 81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003	11. DISIN	FECTION: Type: H	TH		Ar	nt. Used: 4	oz.	
Static Level: 15 ft. Date/Time Measured 10/22/2003 Production Rate 3 gpm Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Test Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt. Co/81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003	12. WELI	TEST DATA : () Check	Box If Test Data Is Subn	nitted On Supple	mental			12
Pumping Level: Total ft. Date/Time Measured 10/22/2003 Test Length: 2 hours Test Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt. Co 81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003	TESTING	METHOD: Air Compre	ssor					
Test Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjury in the second degree and is punishable as a class I misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt Co 81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Mayne Shelton / President	Static Leve	1: 15 ft.	Date/Time Mea	asured 10/22/20	03	P	roduction Ra	te 3 gpm
Test Remarks: 3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. (Pursuant to Section 24-4-1-4 (13)(a) CRS, the making of false statements constitutes perjury in the second degree and is punishable as a class I misdemeanor.) CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt Co 81621 Name / Title (Please Type or Print) Signature Wayne Shelton / President Mayne Shelton / President Mayne Shelton / President	Pumning I	evel: Total ft.	Date/Time Mea	sured 10/22/20	03	· To	est Length:	2 hours
CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt, Co 81621 Lic. No. 1095 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003	Test Reman	·ks:						
CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt, Co 81621 Lic. No. 1095 Name / Title (Please Type or Print) Signature Wayne Shelton / President Date 10/30/2003	13. I have rea	d the statements made herein and know the	contents thereof, and that they are treable as a class 1 misdemeanor.)	ue to my knowledge. (Pur	rsuant to Section 2	24-4-1-4 (13)(a) CRS, th	e making of false s	tatements
Name / Title (Please Type or Print) Wayne Shelton / President Date 10/30/2003	CONT	RACTOR: Shelton Drill	ing Corp.				none. (370	1 921-4102
Wayne Shelton / President III/30/2003			///		-02	-	10. 140. 109	
Wayne Shelton / President	Name / Tit	tle (Please Type or Print)	Signature //			Date	10/30/200	03
ORIGINAL	Wayne	Shelton / President	11 m	$\overline{}$				5005
/ URIGINAL			1. 1/2				DIO	
			/			U	IKIGI	NAL

Name: Mary and Robert Layman Unique ID: LAYMAN-5S92W-25 Address: 403 CR 250, Silt, CO

Phone: 970-876-0906

Date Sampled: August 9, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes



Well house



Name: Darrell Lowdermilk Unique ID: LOWD-5S92W-33

Address: 313 Roundtree Road, Rifle, CO

Phone: 970-625-2680

Date Sampled: August 4, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Well inside wishing well

		1	FOR OFFICE USE	ONLY		
WELL CONSTRUCTION AND TEST RISTATE OF COLORADO, OFFICE OF THE STATE			TOR OFFICE OSE	ONLI		
WELL PERMIT NUMBER 107876-A			REC	CEIVED		
WELL I DIGITAL TOTAL			NOV	1 4:2005		
Owner Name(s): Darrell Lowdermilk				T -5003		
Mailing Address: P.O. Box 945		-	WATER	R RESOURCES E ENGINEER COLO.		
City, State, Zip: Rifle, Co. 81650		ł	THE PROPERTY AND INCOME THE			
Phone # :			APPROVAL # GW			
3. WELL LOCATION AS DRILLED DISTANCES FROM SEC. LINES NW 1/4	SE 1/4 Sec:	33 T	wp: 5 S		W	
1702 ft. from South Sec. line and 1591 ft. from	East Sec. line	OR North	ing:	Easting:		
SUBDIVISION: Antlers Orchard Lo	OT: 46 BLO	CK:	FILING (UNI	T):		
STREET ADDRESS AT LOCATION		- convice	4: D-4:			
4. GROUND SURFACE ELEVATION ft.	2 13 252-27 1.4 51/212-22-251	METHOD				
DATE COMPLETED: 10/11/2005 TOTAL DEP	TH: 123	DEPTI	H COMPLETIC	ON: 123		
5. GEOLOGIC LOG	6. HOLE DIAME	TER (in)	FROM (fi)) т	O (ft)	
Depth Type of Material (Size, Color, and Type)	9.0		50		123	
000-032 Dddirt, Clays	6.5				123	
032-123 Wasatch Formation	7. PLAIN CA	SING				
	OD (in)	Kind	Wall Size	From (ft)	To (ft)	
	7.0	Steel PVC	0.240	-1 40	60	
	5.5	PVC	0.250	100	123	
			Olas Cias			
	PERF. CASIN	PVC	en Slot Size 0.250	60	100	
	5.5					
			1			
	8. Filter Pack			Packer Placeme	ent	
Water Located: 60+	Material : Size :	Material: Type: Size: Depth:				
Remarks :	Interval:		54			
Remarks .	10. GROUTI	NG RECOR	D			
	Material	Amount	Density	Interval	Placement	
	Cement	5 sks	6 gal/sk	10-40	poured	
				+	+	
11. DISINFECTION: Type: HTH		An	nt. Used: 4	oz.		
12. WELL TEST DATA: () Check Box If Test Data Is Su	bmitted On Supplen	nental				
TESTING METHOD: Air Compressor	a paranta dispersion del Albando del A					
D. #:1	Measured 10/11/20	05	P	roduction Rate	15 gpm	
Static Level . 25 to	Measured 10/11/20		Te	est Length:	2 hours	
Test Remarks:				(A)		
I have read the statements made herein and know the contents thereof, and that the constitutes perjury in the second degree and is punishable as a class 1 misdemeano CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt, Co. 8	y are true to my knowledge. (r.) 1621	Pursuant to Section	n 24-4-1-4 (13)(a) CR Phon Lic.	ne: (970) 927- No. 1095	4182	
Maning Frances 1			Date			
Name / Title (Please Type or Print) Wayne Shelton / President		_		10/13/2005	5	
			OR	IGINA	۱L	

INK.

THIS FORM MUST BE SUBMITTED WITHIN 60 DAYS OF COMPLETION OF THE WORK DESCRIBED HERE-ON, TYPE OR PRINT IN BLACK

COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St. Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT PERMIT NUMBER 107876

RECFIVED JUL 1 7 1981

WATER AT MACES
STATE ENGINEED
COLO.

			E's SE % of the E's SW % of Sec. 33			
ADDDE	#2 C D	23 Anvil Points ifle, Colorado 81650	T5 _ SR92 _ W6thP.N			
	4					
DATE C	OMPLET	FED June 15, ,19	981 HOLE DIAMETER			
	2	WELL LOG	8 in. from 0 to 60 ft.			
From	То	The second secon	ater 6 in. from 60 to 125 ft.			
0	10'	Soil Clay & Sand				
10	15	Clay, Sand & Gravel	in. from to ft. DRILLING METHOD_Air_Rotary			
15	5.0	Clay & Sand/Some Gravel	CASING RECORD: Plain Casing			
50 60	60 80	Soft SS/Some Clay S.S. Gray Med. Grain	Size 6" & kind PVC from 0 to 60 ft			
90	90 120	Brn. Shaley Siltstone Brn. S.S./Shaley Seams	C:- 4" 0 1:- 1 PVC			
120 .	125	S.S. Med. Gray	Size <u>4"</u> & kind <u>PVC</u> from <u>0</u> to <u>105</u> ft			
1			Size & kind from to ft			
			the same of many			
	9 14 9		Perforated Casing			
			Size 4" & kind PVC from 105 to 125 ft			
			Size & kind from to fr			
i .		7,5,8	Size & kind noin to n			
1			Size & kind from to f			
			I a a a majorita galla			
			GROUTING RECORD			
			Material Cement			
			Intervals 5' to 60'			
			Placement Method			
			GRAVEL PACK: Size			
	87.57	and all to a final or the first section	Interval			
			Start of Tab			
		the state of the state of the state of	TEST DATA			
		of a second of the second of	Date Tested June 15, 19 81			
			Static Water Level Prior to Test f			
			Type of Test PumpDrill Stem Recovery			
7.7			Length of Test 2 hr.			
		TOTAL DEPTH	Sustained Yield (Metered)			
	1100	additional pages necessary to complete log.	Final Pumping Water Level			
		to complete rog.				

RECEIVED

Form No.	STATE OF COLORADO OFFICE OF THE STATE ENGINEER	For Office Use Only	JAN 09'06
GWS-09 6/2003	821 Centennial Bldg., 1313 Sherman St., Denver, CO 80203 (303) 866-3581 Fax (303) 866-3589	RECEIVED	WAIT HELS DURCES
Type or n	WELL ABANDONMENT REPORT rint in black ink.	JAN 1 2 2006	GE ENWOOD)
	mit Number of the well being plugged 167.876	WATER RESOURCES STATE E SCINEER COLO.	
ndividua	/Company responsible for plugging and sealing the well:		
NAME(S)	Darrell Lowdermilk		
Mailing Ad	dress <u>P.O. Box</u> 945		
	P. Rifle Co. 81650		
Phone (770, 625-2680		
ACTUAL V	NELL LOCATION: County CARFIELD		
Property A	address 03/3 RoundTree Rd. Rifle (Address)	(City) (State	(Zip)
1/11/114	of the S.F.1/4 Sec. 3.3 , Twp. 5 N. or S., Range 92	☐ E. or Øw., _6 ⁷ P.M.	
Distance 1	rom Section Lines 2/0 Ft. From N. or S., 280 Ft	. From E. or W. Line.	
Subdivision	on Name <u>ANTLERS Development (oup,</u> Lot <u>46</u> , Block	c, Filing/Unit	
☐ The	well was plugged and sealed as required under Well Permit Number 10 well was not in use and was plugged and sealed. er (please explain) This well Quit Producing and		drilled.
The date	the well was plugged according to the Water Well Construction Rule	s was _//-/5-05	
The well	was plugged with the following materials placed at the indicated intervals: and Type of Material Method of Placem	ulius inten	erval
	VFT Concrete by hand	from _ <u>O</u>	
3/8"	Gravel by hand		feet to <u>56</u> feet
3/4"	Gravel by hand	from <u>56</u>	feet to 125 feet
		from	feet to feet
Interva	s of casing removed/ripped in feet	from	feet to feet
I (we) h	ave read the statements made herein, know the contents thereof, a	nd that they are true to my	our) knowledge.
Please	print the Signer's Name & Title Signature(s)	Da Da	te
	ell Lowdermilk owner Darrell Lowds		1/29/05
			<u></u>
	responsibility of the well owner to have the well properly plugged a sible for notifying the owner of this requirement.	nd sealed. The Well Consti	uction Contractor is

Name: Doug and Sue Lyons Unique ID: LYONS-5S91W-31 Address: 2160 CR 250, Silt, CO

Phone: 970-876-5803

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





			- Add Address		FOR OFFICE U	SE ONLY			
	WELL CONSTRUCTION AND TEST REPORT					FOR OFFICE USE ONLY			
	COLORADO, OFFICE OF	THE STATE	ENGINE	ER	JUN 0 5 1996				
	PERMIT NUMBER	MH-20024	4709	4-F	Walletter Go				
	ame(s) : Russell Rauman				STATE ENGIN	NEER			
	ddress : 2158 County Road 2	50			cow.				
City, St. 2					APPROVAL# GW	VP34 04 03			
Phone	(970) 876-2991	Viz		- 04					
	CES FROM SEC. LINES:	NE 1/4 NÉ	1/4 Se	ec. 31	wp. 05S	Range 91W			
		c. line. and		ft. from	asa S	ec. line. OR			
SUBDIVI	SION: Rauman Exemption		LOT	BLOC	K F	ILING(UNIT)			
	ADDRESS AT WELL LOCATIO	N:							
	SURFACE ELEVATION	ft.	D.	RILLING ME	THOD Air Ro	tary			
DATE CO	OMPLETED 05/15/96	TOTAL	DEPTH	155 ft.	DEPTH COM	PLETED	155 ft.		
5. GEOLO	OGIC LOG :			DIAM. (In)	FROM	(ft)	TO (ft)		
Depth	Type of Material (Size, Color	, and Type)		9.0	0		59		
000-010	Topsoil			6.5	59		155		
010-029	Clays, Shales		7 51 1	OADINO	<u> </u>				
029-155	Wasatch Formation			CASING	Well Size	From (ft)	To (ft)		
			OD (in)	Kind		-1	50		
			7.0	Steel	0.240	55	115		
			5.5	PVC	0.240	55	110		

			DEDE CA	CINC - Care	en Slot Size :		_		
					,240	50	59		
			7.0 5.5	Steel	.250	115	155		
			5,5		.230	110	100		
	L		8. Filter F	Pack	Q De	acker Placemen	t .		
1			Material: Type:			(A)			
	20ATED - E0 42E		Size:		Depth :				
WATERLO	OCATED: 50, 125		Interval:						
REMARKS	! ;		10. GROUTING RECORD :						
1			Material	Amount			Placement		
			cement		16 gal	10-30	poured		
							· · · · · · · ·		
11 DISINEE	CTION: Type: HTH				Amt. Use	ed: 3 oz.	- All		
	ST DATA : [] Check Box If Tes	st Data is Submitt	ed On Sup	plemental Fo	orm.				
	METHOD : Air Compressor	56 A - A - A - A - A - A - A - A - A - A	en autorian erak erak izen ballita∎ê						
Static Lev	4 N. 1985 - T. 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985	ime Measured :	05/15/96	3	Production Ra	ate: 1	gpm.		
Pumping		ime Measured :	05/15/96		Test Length:	: 2	thrs.		
Domerke	*								
13. I have read	the statements made herein and know the contents the second degree and is punishable as a class 1 misde	nereof, and that they are true	to my knowledge.	Pursuant to Section	24-4-104 (13)(a) CRS, th	making of false states	nente constitutes		
CONTRAC	CTOR: Shelton Drilling Corp.				Phone : (910) 921-410	2		
Mailing Ad	dress : P.O. Box 1059	Basalt CO. 81621			Lic. No.	1095 Date			
Name / Title	(Please Type or Print) nelton / President	Signature		12/		Marc	05/29/96		
vvayne 5	ROLLOIT LIESIDELIC	1 114	The state of	09/					

Name: David Martin

Unique ID: MARTIN-6S91W-5

Address: 5818 CR 214, New Castle, CO

Phone: 970-984-0548

Date Sampled: August 7, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Craig Peterson (Meadow Gold Dairy)

Unique ID: MGD-6S93W-1 Address: 836 CR 210, Rifle, CO

Phone: 970-625-3756

Date Sampled: August 14, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No



Name: Mike Mello

Unique ID: MELLO-5S92W-25 Address: 896 CR 266, Silt, CO

Phone: 970-876-2148

Date Sampled: August 8, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





WJR-26-77

INK.

THIS FORM MUST BE SUBMITTED

WITHIN 60 DAYS OF COMPLETION

OF THE WORK DESCRIBED HERE-

ON, TYPE OR PRINT IN BLACK

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818 Denver, Colorado 80203 RECEIVED
SEP 0 2 1982
WATER RESERVED
STATE-ERRORER
COLD.

WELL COMPLETION AND PUMP INSTALLATION REPORT PERMIT NUMBER 1 26342

VELL O	WNER_	MIKE MEllow		SE % of the SE. % of Sec. 26,
			Juncti	ONT. 5 S , R. 92 W , 6 P.M.
		ED 7/ 25		
		WELL LOG		
From	То	Type and Color of Material	Water Loc.	in. from to ft.
0		o ugrburden	90	DRILLING METHOD CABIETOOL
90	200	CLAYWITH SAMOSTONE	1/	
		577zings	200	CASING RECORD: Plain Casing Size 7" & kind STEEL from 0 to 65' ft.
10				Size & kind from to ft.
				Size & kind from to ft.
				Perforated Casing
		7		Size 7" & kind STEEL from 65 to 92 ft.
	,			Size 5 & kind P/ASTIC from 80 to 200 ft.
			1 [Size & kind from to ft.
		*		GROUTING RECORD
	İ			Material CEMENT
				Intervals 5 To 15
				Placement Method C-RAVITY
				GRAVEL PACK: Size
				Interval
				TEST DATA
54		,		Date Tested 7/25 , 1982
				Static Water Level Prior to Testft.
		, i'		Type of Test Pump BriLER
				Length of Test 3 Hoves
	1	TOTAL DEBTH 200		Sustained Yield (Metered) 5 C.P.m.
	Use a	dditional pages necessary to complete log.		Final Pumping Water Level 105

Name: Robert and Karen Miller Unique ID: MILLER-5S92W-34 Address: 520 CR 259, Rifle, CO

Phone: 970-625-0545

Date Sampled: August 7, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Well head in back pasture

WJR-26-77

THIS FORM MUST BE SUBMITTED STREMENT DAYS OF COMPLETION ON. TYPE OR PRINT IN BLACK

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818 Denver, Colorado 80203

RECEIVED

MAR 1 6 1987

WATER RESPONDENCES STATE - ENGINEERS 2010

ON. TYPE OR PRINT IN BLACK INK.	WELL COMPLETION AND PUR PERMIT NUMBER	MP INSTALLATION REPO	RT 072 -	STAVE - ENGS	fire.ii
WELL OWNER BARK Lite	Partnership	S W % of the	N	W % of Sec.	34
PAR 13/1			-		

ADDRESS FO, Box 1360, MIY/e, Co., 8/650 T. 5 S. R. 92 W. Jan. 23

DATE COMPLETED

Use additional pages necessary to complete log.

DATE C	OMPLET	TED	. 19 2.	HOLE DIAMETER
		WELL LOG		_8 in. from _0 to _20 ft.
From	То	Type and Color of Material	Water Loc.	6 in from 20 to 300 ft.
0	8'	Dirt, Clay, + Rock Fregmen	Trace	DRILLING METHOD AIR ROTA
8'	15'	Brown 5,5	60'	CASING RECORD: Plain Casing
	24	1 cc F: 10	20'	Size 6 8 kind Stee from +
	<i>35'</i>			Size 7 8 kind P.V.Cz from
35'	1000	Shaley S.S., Reddish Shoda time	4	Size & kind from
100'	145	GRAY S.S.	Water	Size & Kind irom
1111	100°	1. 1 + Reddish SS	260	Size 4 % kind PVC from 2
73	100	GRAY TOTAL	270	21
180	255'	GRAY Sis	210	Size & kind from
255	300	Gray S.S. Gray + Brn. S.S.		Size & kind from
		ž		GROUTING RECORD
				Material Coment
				Intervals 6 2 20
				Placement Method _ Treem
3		* *		GRAVEL PACK: Size None
				Interval
				Date Tested Jan. 2
				2010 103100
				Static Water Level Prior to Test
				Type of Test Pump
		z ·	14	Length of Test
		TOTAL DEPTH 300		Sustained Yield (Metered)
	.## 938	TOTAL DEFIN		17.5

260 to 300 ft. ____ to _____ ft. |

____ to _____ ft.

Final Pumping Water Level _

Name: Nathan Moen

Unique ID: MOEN-6S92W-6 Address: 1101 CR 227, Rifle, CO

Phone: 970-625-0776

Date Sampled: August 10, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No



Name: Steve Murphy

Unique ID: MURPH-6S92W-6 Address: 854 Antlers Lane, Rifle, CO

Phone: 970-625-4067

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes



Name: Dale and Julie Nesbit Unique ID: NESBIT-6S92W-5 Address: 594 CR 216, Rifle, CO

Phone: 970-625-9246

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Well head in pasture

nesbit-6592W-5

dex No. 1-64 DIVISION OF WATER RESOLUTION OF THE STATE ENG	SINEER GROUND WATER S
gistered MAP AND STATEMENT FOR WATER	WELL FILING
PERMIT NUMBER 41511	
ATE OF COLORADO	WELL LOCATION 35
· ss .\mathcal{H}	LoganCou
OUNTY OF	
low all men by these presents: That the undersigned	
Geo. Hettinger	T. 6N R. 53W , 6th
	,
aimant(s), whose address is	INDICATE WELL LOCATION ON DIAGRAM
ity Merino, Colorado , states:	NORTH
the second of th	
laimant(s) is (are) the owner(s) of the well described hereon; the	
otal number of acres of land irrigated from this well is;	
ork was commenced on this well by actual construction 10th	
in the second se	WEST
lay of	x
ne yield from said well is 25 (gpm), for	
which claim is hereby made for Stockwell purposes;	SOUTH
hat the average annual amount of water to be diverted is	, 300TH
acre-feet; and that the aforementioned	WELL SHALL BE LOCATED WITH REFERENCE TO
mostovi na 101	GOVERNMENT SURVEY CORNERS OR MONUMEN OR SECTION LINES BY DISTANCE AND BEARIN
statements are made and this map and statement are filed in	OR SECTION LINES BY DISTANCE AND BESTIN
compliance with the law.	ft. fromsection
7700 7 1 1 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7	(North or South)
XClaimant(s)	ft. fromsection
Subscribed before me on thisday of	(East or West)
, 19	Ground Water Basin
My commission expires	Water Management
my commodical state of the common state of the	District
Notary Public WELL DATA	Domestic wells may be located by the follow
	LOT, BLOCK
Date CompletedJune_10, 1970	
Static Water Level_5!	SUBDIVISION
Total Depth. 57*	FILING #
ACCEPTED FOR FILING IN THE OFFICE OF THE STAT	TE ENGINEER OF COLORADO ON THIS
	19
DAY OF	, 10,

WHITE copy & GREEN copy must be filed with the State Engineer within 30 days after well is completed: PINK copy

an in for the Orillar

		Tuna of Material	Water	Standard Potent
From	То	Type of Material	Loc	Type Drilling Standard Rotary
0	21/2	Тор		HOLE DIAMETER:
22	40 57\$	Gravel & sand Gravel		7 in. from 0 ft. to 57 ft.
40 57₺	213	Gravel & sand		in. fromft. toft.
2.~	1		ĺ	in. fromft. toft.
		***		CASING RECORD Plain Casing
		e e		Size 5, kind plas from 0 ft. to 47 ft.
		21		Size, kindfromft. toft.
		*		Size, kindfromft. toft.
				Perforated Casing
				Size 5, kind plas from 47 ft. to 57 ft.
				Size, kindfromft. toft.
		9		Size, kindfromft. toft.
				GROUTING RECORD
				Material cement
)]	Intervals 0-10°
1) 1	*	1 1	Placement Method spill tube
				GRAVEL PACK RECORD
				SizeInterval_ 10' to bottom
	1			TEST DATA
	1 1			Date Tested June 10, 1970
				Type of Pump_bailed
				Length of Test 2 hrs.
1				Constant Yield 25 gpm
				Drawdown1*
				WELL DRILLERS STATEMENT
				The undersigned, being duly sworn, deposes and
		e iai	1	says: he is the driller of the well hereon described; he has read the statement made hereon;
				knows the content thereof; and the same is true
			1	of his own knowledge. Canfield Drlg. Co.
		Use additional paper if necessary to complete log.		x Warld E. anfilf
St	ate of Co	olorado, County of) ss	License No. 7
		and sworn to before me this	day of, 19	
M	y Commis	ssion expires		Notary Public

Name: Lyle Oliver

Unique ID: OLIVER-5S92W-26 Address: 435 Odin Drive, Silt, CO

Phone: 970-876-2612

Date Sampled: August 8, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes



WJR-26-77

THIS FORM MUST BE SUBMITTED WITHIN 60 DAYS OF COMPLETION OF THE WORK DESCRIBED HERE-ON, TYPE OR PRINT IN BLACK INK.

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818 Denver, Colorado 80203

PERMIT NUMBER

Denver, Colorado 80203 WELL COMPLETION AND PUMP INSTALLATION REPORT

RECEIVED OCT 2 5 1989

MAYEN RESOURCES MEANE : ENGINEED COLO.

/FII O	WNER	Robert & April Davis	38 % of the 88 % of Sec. 26
			T. 5 S. , R. 92 W , 6th P.M.
		ED <u>October 22</u> , 1989	
		WELL LOG	10 in. from 0 to 30 ft.
From	То	Type and Color of Material Loc.	7: in. from 30 to 85 ft.
0	661	Valley Fill 66°	
66	881	Weathered Wasatch with Strings of Sand & Gravel	CASING RECORD: Plain Casing Size 7º & kind Steel from 0 to 73 ft.
88	200'	Wasatch 185'	Size & kind from to ft.
			Size & kind from to ft.
			Perforated Casing
			Size & kind from
			Size5" & kindPTC from80 to200ft.
	-		Size & kind from to ft.
			GROUTING RECORD
			Material Coment 5 to 1
			Intervals 10 20°
			Placement Method Gravity
			GRAVEL PACK: Size
			Interval
			TEST DATA
			Date Tested October 22 , 19 89
			Static Water Level Prior to Test
			Type of Test Pump
			Length of Test 1 Hour
			Sustained Yield (Metered) 15 GPM
	Hen	additional pages necessary to complete log.	Final Pumping Water Level 60!
	026	additional bagos necessary to complete 103.	—) · · · · · · · · · · · · · · · · · · ·

Name: Rich Orton

Unique ID: ORTON-5S91W-31 Address: 966 CR 228, Silt, CO

Phone: 970-876-2733

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Well and pumphouse

Name: Terry Patrick

Unique ID: PATR-5S92W-28 Address: 1175 CR 259, Rifle

Phone: 970-625-2534

Date Sampled: August 15, 2006

Previously Sampled?: No

Sampled for Isotopic Gas Analysis?: Yes





WELL CONSTRUCTION AND TEST REPORT					FOR OFFICE USE ONLY			
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER					RECEIVED			
					MEGEIVED			
I MANUSCO	WELL PERMIT NUMBER 210911-A				DEC 1 5 2003			
2. Own	er Name(s): Terri Patricl	C		j		C 95 (20)		
Maili	ing Address: 1175 Count	y Road 259		1	WATE	R RESOURCE E ENGINEE COLO.	ES R	
City,	State, Zip: Rifle, Co. 8	1650			7561393	COLO.		
Phon	ne # : 970-625-25	34			APPROVAL # GV	ン VS31-91-03		
, WELL	L LOCATION AS DRILLED	NE 1/4 SE	1/4 Sec:	28	Twp: 5 S	Range	e: 92	w
	ANCES FROM SEC. LINES	enterportation around			Pour	Uman	sting:	100
	ft. from South Sec. line						sting.	
SUBL	DIVISION:	LOT	: BLC	OCK:	FILING (UN	IT):		
	ET ADDRESS AT LOCATI		DRILLING	CMETHOL	Air Rotary			
4.	UND SURFACE ELEVATION					011 0	_	
DATI	E COMPLETED: 4/10/200	3 TOTAL DEPTH	I: 85	DEPT	H COMPLETION	ON: 8:	· · · · ·	
5. GEO	LOGIC LOG		6. HOLE DIAMI	ETER (in)	FROM (fi	t)	то	(ft)
Depth	Type of Material (Size, C	olor, and Type)	6.5		0			85
000-057	Dirt, Silts, Clays				85		<u> </u>	
057-062 062-082	Cobbles, Gravels Clays, Silts		7. PLAIN C	ASING				
082-085	Wasatch Formation		OD (in)	Kind	Wall Size	From (ft)	To (ft)
			5.5	Steel	0.188	-1	_	57
			5.5	Steel	0.188	62		85
	din Pil		PERF. CASI		en Slot Size			
			5.5	Steel	0.188	57	-	62
	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	-	8. Filter Pack			Packer P	lacemer	11
Water Loca	ited: 57-62		Material :	•	Тур			.,
Water Book			Size :		Dep			
Remarks :			Interval:					
			10. GROUTI	-				
			Material	Amount	Density.	_ Inter		Placement
			Cement	5 sks	6 gal/sk	1	0-40	poured
Andre meaning		тн			nt. Used: 2	oz.		
12. WELI	TEST DATA : () Check	Box If Test Data Is Subm	nitted On Supple	mental				
TESTING	METHOD: Air Compres	ssor						
Static Leve	Static Level: 42 ft. Date/Time Measured 4/10/2003 Production Rate 7.5 gpm							
Test Remai	Pumping Level: Total ft. Date/Time Measured 4/10/2003 Test Length: 2 hours Test Remarks:					and the same of		
13. I have rea	d the statements made herein and know the s perjury in the second degree and is punish	contents thereof, and that they are tru able as a class 1 misdemeanor.)	ie to my knowledge. (Pu	rsuant to Section 2	4-4-1-4 (13)(a) CRS, th	e making of t	alse statem	ents
CONT	CONTRACTOR: Shelton Drilling Corp. Mailing Address: P.O. Box 1059 Basalt, Co. 8162				Ţ	Phone: (ic. No.	710) 72	7-4182
Name / Ti	tle (Please Type or Print)	Signature///			Date			· · · · · · · · · · · · · · · · · · ·
	3 19.50	111/				4/21/		
, ayne	Wayne Shelton / President /2/12/03							

ORIGINAL

Name: Max and Leota Patton Unique ID: PATTON-5S92W-36 Address: 7393 CR 233, Silt, CO

Phone: 970-876-0283

Date Sampled: July 31, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







		100					
MELL	CONSTRUCTION A	ND TEST PE	PORT		FOR OFFICE USE	ONLY	
					BEC	EIVEL	
-	COLORADO, OFFICE	OF THE STATE	ENGINEE		HES	/	
	ERMIT NUMBER	201045			APR 1	4 1997	
2 Owner Na	me(s): Tim & Kathi Cran	ner			200.11	ENGINEER	
Mailing Ad	Idress: P.O. Box 23				31416	ÚI U	
City, St. Zi	*					. 0. 00	
Phone	(970) 625-3136				APPROVAL # GWS3	inge 92W	
	CATION AS DRILLED:	SE 1/4 SE	1/4 Sec.	36	wp. 05S Ra	inge azav	
	ES FROM SEC. LINES:	Sec. line, and	918	ft. from	East Sec	, line, OR	
400	11. 110111	Sec. mie. and	LOT	BLOC		NG(UNIT)	
SUBDIVIS		TION .	LOI	BLOC	K FILI	NG(UNIT)	
	ADDRESS AT WELL LOCA SURFACE ELEVATION	ft.	DR	ILING ME	THOD Air Rotar	v	
See No. 121	7.0		1097916	20 ft.	DEPTH COMPL		120 ft.
DATE CO	MPLETED 04/07/97	TOTAL	DEPIN I	20 π.	DEPTH COMPL		
5. GEOLO	OGIC LOG :		6. HOLE D	IAM. (in)	FROM (ft)		TO (ft)
Depth	Type of Material (Size, C	Color, and Type)	9.	.0	0		26
000-005	Topsoil	year made an age of the same o	6.	.5	26		120
005-120	Wasatch Formation						
			7. PLAIN			(5)	7 (8)
			OD (in)	Kind	Wall Size	From (ft)	To (ft)
			7.0	Steel	0.240	-1	26
			5.5	PVC	.250	100	120
			5.5	PVC	.250	100	120
			DEDE CAG	CINIC + Coro	en Slot Size :		
			5.5	PVC	.250	40	100
			5.5		.250	+	+
			-				+
		*	8. Filter Pa	ick	9. Pack	er Placemer	nt .
			Material:		Туре	:	
WATER LC	CATED : 40 +		Size:		Depth	:	
			Interval:				
REMARKS	\$ 5		10. GROU	TING REC	ORD :		
			Material	Amount	Density	Interval	Placement
			cement	3 sks	16 gal	5 - 26	poured
18							
					Amt Hard	: 2 oz.	
	CTION: Type: HTH		W-10-0	lemental F	Amt. Used	: 2 oz.	
	ST DATA : [] Check Box I		nea On Supp	nementai ro	Office.		
TESTING Static Lev	METHOD: Air Compress vel: 40 ft. Da	or ate/Time Measured:	04/07/97		Production Rate	. 1	5 gpm.
	1241 94 1024 64	ate/Time Measured			Test Length:	0 101 1	2 hrs.
Pumping	구류 하게하면 기가리면 크게 모.	ite/ i ine weasureu .	. 04/0//3/		rest Longar .		
Remarks	he statements made herein and know the con	ntents thereof, and that they are tro	e to my knowledge (Pursuant to Section	24-4-104 (13)(e) CRS, the m	naking of false state	ments constitute
perjury in the	second degree and is punishable as a class CTOR: Shelton Drilling C	1 misdemeanor)			Phone : (97		
	dress : P.O. Box 1059	Basalt, C0, 8162	V_		Lic. No. 1	095	
Name / Title	(Please Type or Print)	Signature		1	7	Date	04/08/97
Wayne St	helton / President	1 1/1	aym	XVI /	0		

ORIGINAL

	M NO.	PUMP INSTALLATION AND TEST REPORT	For Office Use only					
6WS	S. S	STATE OF COLORADO, OFFICE OF THE STATE ENGINEER	RECEIVED					
1.	WE	ELL PERMIT NUMBER _201045	MAY 0 7 1997					
2	Mailir City,	NER NAME(S) Tim+Kathi CRAMER ng Address Fo Box 23 St. Zip Ritle, Co 81650 ne (970) 625-3136	STATE ENGINEER COLC					
3.	WELL LOCATION AS DRILLED: SE 1/4 SE1/4, Sec. 36 Twp. 55 , Range 92 4/ DISTANCES FROM SEC. LINES: 644 P.M. 460 ft. from South Sec. line. and 9/8 ft. from East Sec. line. SUBDIVISION: LOT BLOCK FILING(UNIT) STREET ADDRESS AT WELL LOCATION: 739.3 C+4Rd 2.3.3, Silt, 6 8/652							
4.	PUMP DATA: Type							
5.	OTI- Airlin	HER EQUIPMENT: ne Installed Yes No, Orifice Depth ft Monitor Tube In						
6.	TEST DATA: Check box if Test data is submitted on Supplemental Form. Date Total Well Depth Static Level Date Measured Check box if Test data is submitted on Supplemental Form. Date 1/23/97 Fine 2.P.M. 9.C.P.M. 9.C.P.M. 25' Rate (GPM) Pumping Lvl. 35'							
7	. DIS	SINFECTION: Type Chlorine bleach Amt. Used	300003					
8	. Wa	ater Quality analysis available. Yes XNo						
9	Rer	marks						
1	[Pu	The state of the s	e $(\frac{970}{876-5109})$ Lic. No $\sqrt{4}$.					
	Name	ong Address 7393 C.R. 233 Sitt Co. 8165 Portitle (Please type or print) Signature Duner Timothy K. Gramer Tuesty Wha	Date 5/4/98					

Name: John Pennington Unique ID: PENN-5S92W-31 Address: 318 CR 297, Rifle, CO

Phone: 970-625-2029

Date Sampled: August 1, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Wayne Pollard

Unique ID: POLLARD-6S92W-4 Address: 6448 CR 233, Silt, CO

Phone: 970-876-2255

Date Sampled: August 1, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: Yes



Well house



Pollard- 10 ST2W-4

ORM NO.		LL CONSTRUCTION AND TEST REPOR		T		For Office Use	e only	
WS-31	ENGINEER	ı		1	RECEIVED			
0-94		313 Sherman St., Rm 818, Denver, CO 8	0203			202		
1 WELL	PERMIT NUM	BER 242127				AP	R 1 8 200	03
		Nayne H. Pollard				WA	HERDEVY	
Mailing A		6448 233 Road		- 1		s	TATE ENGINEER	
City, St.		Silt, CO 81652			24212	7	9501	150
Phone	(970) 876-22	55			2 1 0 10		responde	
DISTAN	CE FROM SE		Sec. 4		Line. OR BLOCK	_Range	92 W FILING(UN	Sixth P.M.
		T WELL LOCATION:		730			*:	
4 GROUN	ID SURFACE I	ELEVATION ft. DRIL	LING METHOE) Air	Rotary			
DATE C	OMPLETED	3/27/03 TOTAL DEF		ft.		OMPLET		ft.
5 GEOLO			6 HOLE DI	AM. (in.)			To (ft)	
Depth	Description	on of Material (Type, Size, Color, Water Location)	9)	80	_
0-15		Top Soil	6 1/8		80)	200	-
15 - 110		Brown Sandstone with gravel seams	-			***		L. Admir P
110-200)	Sandstone - brown / tan	7 PLAIN C		Wall Size	ì	From(ft)	To (ft)
	Water @	143, 160, 189	6 5/8	Steel	0.2		+2	106
	vvater @	143, 100, 109	4.5	PVC	Sch. 40		20	60
			4.5	PVC	Sch. 40		180	200
			PERF. C	ASING: So	reen Slot Size	.30		
			4.5	PVC	Sch. 40		60	180
							24-	
			O EU TED	DACK.		lo BAC	KER PLACE	MENT
			8 FILTER			Type	Market Control of the Control of	WEIVE
	-			N/A	 8	Lype -	Rubber	
			Size Interval			Depth	39	
			10 GROUT	ING RECC	BD.	Ворит		
				Amount	Density		Interval	Replacement
	Din Chan		Cement	8 Sks	15		0-39	Poured &
REMARKS	Drive Shoe		-					Vibrated
		200	 					
11 DISINF	ECTION: Typ	e Chlorine	Amt. Used	10	oz.			
	TEST DATA:	Check box if Test Data is sub	mitted on Form	No. GWS	39 Supplemer	ntal Well 1	Test.	
TESTIN	NG METHOD	Air Lift 80 ft. Date/Time measured 3/27	7/03 4:00 PM	, Product	ion Rate		15	gpm.
D1-11-1	HVEL			Test ler			2	
Static L		190 If Date/Time measured 3/2/					-	<u> </u>
Pumpir	ng level	190 ft. Date/Time measured 3/27	11119	100				
Pumpir	ng level			to my knowie	dge [Pursuant to	Section 24-	4-104 (13) (a)	
Pumpir Remark	ng level	s made herein and know the contents thereof, and e statements herein constitutes perjury in the seco	that they are true	to my knowle	dge [Pursuant to a class 1 misden	Section 24-		
Pumpir Remark 13 I have re C.R.S., t	ng level ks ead the statement the making of fals	s made herein and know the contents thereof, and e statements herein constitutes perjury in the seco	that they are true	to my knowle bunishable as (970) 62	a class 1 misden	Section 24	4-104 (13) (a) Lic. No.	1382
Pumpir Remarl 13 I have re C.R.S., I	ng level rks ead the statement the making of fals	s made herein and know the contents thereof, and	that they are true	ounishable as	a class 1 misden	Section 24	Lic. No.	1382
Pumpir Remark 13 There re C.R.S., t CONTRA Mailing Ad	ng level rks ead the statement the making of fals	s made herein and know the contents thereof, and e statements herein constitutes perjury in the secon Syracuse Drilling & Pump Co., Inc. P.O. Box 631, Rifle, CO 81650	that they are true	ounishable as	a class 1 misden	Section 24		1382

Name: Jesus Prado

Unique ID: PRADO-6S93W-2 Address: 1743 CR 210, Rifle, CO

Phone:

Date Sampled: August 14, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







Name: Rifle Creek Estates (Mike Brown)

Unique ID: RCE-5S92W-30 Address: 1046 SR 325, Rifle, CO

Phone:

Date Sampled: August 16, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







Name: Jerry Rusch

Unique ID: RUSCH-6S92W-3 **Address:** 353 East Vista, Silt, CO

Phone: 970-989-0330

Date Sampled: August 15, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Ramon Salbidres Unique ID: SALB-6S93W-12 Address: 51 CR 223, Rifle, CO

Phone: 970-379-4136

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Terri Samuelson Unique ID: SAM-5S91W-31 Address: 381 CR 228, Silt, CO

Phone: 970-876-2720

Date Sampled: August 9, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No



Name: Roger and Kathryn Schouten Unique ID: SCHOUTEN-6S92W-5 Address: 394 Fox Run, Rifle, CO

Phone: 970-625-3610

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Schouten- 6592W-5

WJR-26-77

THIS FORM MUST BE SUBMITTED WITHIN 80 DAYS OF COMPLETION OF THE WORK DESCRIBED HERE-ON, TYPE OR PRINT IN BLACK INK.

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818 Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT PERMIT NUMBER 126574

RECEIVED

OCT 07 1982

WATER RESOURCES STATE - ENGINEER COLO.

ELL O	WNER_	ELIZAbeTh PRITZKAU		
				T. 6 5, R. 92 W. 6 P.M.
		ED 7/5		
		WELL LOG		7 in. from 0 to 52 ft.
From	То	Type and Color of Material	Water Loc.	_6½ in. from _50 to 110 ft.
0 35 51	35 51	Brown Fill SAND+GROWEL	35	DRILLING METHOD CALIET OOL CASING RECORD: Plain Casing
OI	110	SAND STONE		Size 7" & kind STEEL from 0 to 28 ft.
				Size & kind from to ft.
	1		1 1	Size & kind from to ft.
				Perforated Casing
				Size 7 & kind STEL from 28 to 52 ft.
				Size 5 & kind PlASTC from 50 to 110 ft.
				Size & kind from to ft.
	Ĭ			GROUTING RECORD
		<u>}</u>		Material Cament
				Intervals 5 To 15
		*		Placement Method G-RaviTy
				GRAVEL PACK: Size
				Interval
	,			TEST DATA
				Date Tested 7/5 , 19 83
			-	Static Water Level Prior to Test 35' ft
				Type of Test Pump BAILER
				Length of Test 2 Hours
1	1	11.1	1	Sustained Yield (Metered) 10 G. P. m.
	11-	TOTAL DEPTH	1	Final Pumping Water Level 100'
	US	additional pages necessary to complete log.		

Name: Richard Shoup

Unique ID: SHOUP-6S93W-10 Address: 1318 CR 294, Rifle, CO

Phone: 970-625-1798

Date Sampled: August 2, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Maria and Newby Sills Unique ID: SILLS-5S93W-36 **Address:** 273 Hwy 13, Rifle, CO **Phone**: 970-379-8871

Date Sampled: August 15, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Larry Spaulding

Unique ID: SPAULDING-5S92W-34

Address: 531 CR 260, Silt, CO **Phone**: 970-876-2832

Date Sampled: August 14, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No







FORM NO. WELL CONSTRUCTION AND TEST I	ENGINEER REVIEW WAR				
1. WELL PERMIT NUMBER 161380	NOV 29'91,				
2. OWNER NAME(S) Larry Spaulding Mailing Address 0531 Co. Rd. 260 City, St. Zip Silt, Colo. 81652 Phone (303) 876-2832	WATER NECOURCES STATE ENGINEER COLO.				
3. WELL LOCATION AS DRILLED: NE 1/4 SE 1/4, Sec DISTANCES FROM SEC. LINES: 2440 ft. from south Sec. line. and 1170 SUBDIVISION: STREET ADDRESS AT WELL LOCATION:					
4. GROUND SURFACE ELEVATION 5350 ft. DRI DATE COMPLETED Sept. 830 x 1991 TOTAL D	EPTH 148 ft. DEPTH COMPLETED 148 ft.				
5. GEOLOGIC LOG: Deoth, Description of Material (Type, Size, Color, Water Location) 0-10 overburned-brown 10-30' sandstone-gray-fine 30-50' sandstone-gray-fine 50-80 shale-blue-sminus	6. HOLE DIAM. (in.) From (ft) To (ft) 9" 0 27 6½ 27 148 7. PLAIN CASING				
80-100 sandstone-blue-gray-fine 100-148 shale-blue-sminus	OD (in) Kind Wall Size From(ft) To(ft) 7 steel :231 +1 27 5½ PVC :231 8 148				
vater at 120 Ft.	PERF. CASING: Screen Slot Size: 6'x1/8 5½ PVC 70' 138'				
	8. FILTER PACK: 9. PACKER PLACEMENT: Material none Type none Size Depth				
REMARKS: overburden=-soft sandstone- hard shale-moderate to hard	10. GROUTING RECORD: Material Amount Density Interval Placement grout 400L5.2 gal. 0'-27' hand 50 Lb.				
ti DISINFECTION: Type Liquid Bleach	Amt. Used 8 cups				
WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form. TESTING METHOD Drill Dipe-air Static Level 20ft ft. Date/Time measured Sept. 30,1991 , Production Rate 2 gpm. Pumping level ft. Date/Time measured , Test length (hrs.) 1 hour Remarks					
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.] CONTRACTOR Blue Sky Drilling Inc. Phone (303) 876-2814 Lic. No. 1235 Mailing Address P.O. Box 136 Silt, Colo. 81652					
Name/Title (Please type or print) Signature	Date Date				
FRANK GAASCH PRES. Mank Jaasch how. 25.91					

	STATE OF COLORADO GWS-42 7 OFFICE OF THE STATE ENGINEER O7/93 • 818 Centennial Bidg., 1313 Sherman St., Denver, Colorado 80203	For Office Use only
	PRIOR TO COMPLETING FORM, SEE INSTRUCTIONS ON REVERSE SIDE	RECEIVED
! !	1. APPLICATION FOR WELL LOCATION AMENDMI WELL PERMIT NUMBER 161380	DEC 0 4 1998
	2 WELL OWNER NAME(S) Larry Spaulding	WATER RESOURCES STATE ENGINEER COLO.
į ,	Malling Address 0531 County Road 260	
V	City, St. Zip Silt, CO 81652	
	Phone (_9.70) 876-2832	
	3. ACTUAL WELL LOCATION: COUNTY Garfield OWNE	
<u>.</u>	0531 County Road 260, Silt, CO (Address at well location) (City)	81652 (State) (ZIp)
	NE 1/4 of the SE 1/4, Sec. 34 Twp. 5 S (North or South	, Range 92 W 6th P.M. (East or West)
	Distances from Section Lines	₹ * *
V	2440 Ft. from S Section Line, 700 (North or South)	Ft. from E Section Line.
	Subdivision N/A Lot	Block Filing (Unit)
THE expire	2400 feet from South Section Line and 700 feet fr	the same 40-acre parcel located om East Section Line. That well
mor)		rmit (161380) was issued with the
720 M	wrong location information.	
!		
	5. I (we), the above listed owner(s) own the well described herein. I (we) has know the contents thereof, and state that they are true to my (our) knowled the making of false statements herein constitutes perjuly in the second degree.	tge. [Pursuant to Section 24-4-104 (13)(a) C.R.S.,
i	Name\Title (Please type or print) - Signature	Date
/	Larry Spaulding, Owner Jany Dynules	mic 3/2/98
	Well Look SENE Lenny # 81555 FOR OFFICE USE ONLY WEST Harming LUBRO Mell Look - "Reck", and WEST Harming LUBRO MENORAL APPROVED FOR A CORM TO POLICY MEMORAL State Engineer By	
1	Court Case No. Div. 5 co. 23 / WD.	39 Basin MD

Name: Douglas Stewart

Unique ID: STEWART-6S93W-1 **Address:** 2888 CR 210, Rifle, CO

Phone: 970-625-3096

Date Sampled: July 31, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: Yes





WRJ-26-72

THIS FORM MUST BE SUBMITTED

COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St.

REU.

JUN . 6 1983

	AYS OF COMPLETION	Denver, Co	lorado 80203
	K DESCRIBED HERE- PRINT IN BLACK WEL	L COMPLETION AND PL	JMP INSTALLATION REPORT MATER RE
INK.		PERMIT NUMBER	70042
WELL OWN	munion	Lowast.	SE % of the SE % of Sec. /
	1927 W. Mussi	SOLORE	A STATE OF THE PROPERTY OF THE
ADDRESS_	Denver, all	080223	T. 6 S, R. 93 W, 6 P.N
DATE COMP	PLETED 6-3	1976	HOLE DIAMETER
	9 ,		8 in from 0 to 100 ft.
Г	WELL LOG	Water	
From 7	o Type and Color of	Material Loc.	_6 in. from 100 to 145 ft.
04	8 Mul		in. from to ft.
110 0	700 14	1.0	DRILLING METHOD Cables Coally CASING RECORD: Plain Casing
70 /	& gravel To	and /	A Ham casing
78 G	& Sand		Size 7" & kind Steel from O to 100 ft
98 10	& Browns	hala	Size 5 & kind Plastic from 100 to 145 ft
100 13	22 02 1	yShale	Size & kind from to fr
100 13	2 Cray Sand	ysuale	See No. 15 also ser
132 15	O Wasatch &	halo.	Perforated Casing
10	co wearen so	nuce	Size 5" & kind Plastic from 105 to 145 ft
		2 **	Size & kind from to fr
-		* ,	Size & kind from to f
	7	υ	GROUTING RECORD
		7 0	Material Sand+ Cement
		043	Intervals 5-151
			\mathcal{O}_{i}
1		9	Placement Method
		27	GRAVEL PACK: Size
	3 40	1	Interval
			TEST DATA
		1	Date Tested 6-28 1976
	La Ara		Static Water Level Prior to Test 60 fr
· .			Type of Test Pump Baler
		327	11.
1 1			Length of Test
		1501	Sustained Yield (Metered) 30 GPM
1 1	TOTAL DEPTH _	complete loc	Final Pumping Water Level 80'

COLORADO DIVISION OF WATER RESOURCES

101 Columbine Bidg., 1845 Sherman St., Denver, Colorado 80703

() REPLACEMENT FOR NO. ____

() OTHER _____

Application must be complete where applicable. Type or print in BLACK INK. No overstrikes or erasures unless initialed.

PERMIT APPLICATION FOR () A PERMIT TO USE GROUND WA (x) A PERMIT TO CONSTRUCT A W FOR: (x) A PERMIT TO INSTALL A PUMP

RECEIVED TO THE PROPERTY OF TH
STATES COLUMN TO THE STATE OF THE STATES OF
CC12.06.05

(1) APPLICANT - mailing address	FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN
NAME Mrs. Muriel M. Stewart	Receipt No. 43535 /
STREET 1927 W. Mississippi	Basin Dist,
CITY Denver, Colo. 80223 (State) (Zip)	CONDITIONS OF APPROVAL
TELEPHONE NO. 935-4661 or 935-8892	This well shall be used in such a way as to cause no material injury to existing water rights. The
(2) LOCATION OF PROPOSED WELL Garfield	issuance of the permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water
County	right from seeking relief in a civil court action.
Twp. 6 5, Rng. 93W, P.M.	DEDICT EVELOATION DATE EVERNOED ONE (1)
	YEAR TO JULY 17, 1976 IS HEREBY APPROVED.
(3) WATER USE AND WELL DATA	
Proposed maximum pumping rate (gpm)15	
Average annual amount of ground water to be appropriated (acre-feet): 1½	
Number of acres to be irrigated:None	
Proposed total depth (feet):100	
Aquifer ground water is to be obtained from: Gravel	*
Owner's well designation	
GROUND WATER TO BE USED FOR:	EXPIRED
() HOUSEHOLD USE ONLY - no irrigation (0) (x) DOMESTIC (1) () INDUSTRIAL (5) () LIVESTOCK (2) () IRRIGATION (6) () COMMERCIAL (4) . () MUNICIPAL (8)	DATE 7/17/75 850
() OTHER (9)	APPLICATION APPROVED
	PERMIT NUMBER 70042
(4) DRILLER	DATE ISSUED JUL 1 7 1973
Name Jim Stoneman	EXPIRATION DATE JUL 17 1975
StreetRt. 1 Box 102	100
City Rifle, Colorado 81650	(STATE ENGINEER)
Telephone No. 625-1421 Lic. No. 78	BY State 27

	TO PRODUCT NOTES OF TAKEN TO SEE THE SECOND OF THE SECOND
Receipt No.	435351
Basin -	Dist

CONDITIONS OF APPROVAL

ADDI ICATION ADDROVED

AFT LICATION ALT	HOVED
PERMIT NUMBER	70042
DATE ISSUED	JUL 1 7 1973
EXPIRATION DATE	JUL 1 7 1975
100	1000
S S	ATPENGINEER
BY	eln
I.D. <u>5-39</u>	COUNTY

Name: Drew Suits

Unique ID: SUITES-5S92W-35 Address: 225 CR 266, Silt, CO

Phone: 970-876-5108

Date Sampled: July 31, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Russel and Dennie Talbott Unique ID: TALBOTT-6S91W-4

Address: 6851 CR 214 **Phone**: 970-984-0760

Date Sampled: August 3, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Jerry and Nancy Thomas Unique ID: THOMAS-5S92W-26 Address: 1491 CR 237, Silt, CO

Phone: 970-984-2208

Date Sampled: August 15, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No







THIS FORM MUST BE SUBMITTED

WITHIN 60 DAYS OF COMPLETION

OF THE WORK DESCRIBED HERE-

Thomas - 5592W-26

COLORADO DIVISION OF WATER RESOURCES

300 Columbine Bldg., 1845 Sherman St. Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT 434

ON, TYPE	OR PRIN	NT IN BLACK	WELL COM	PLETION RMIT NU	AND PUN	PINSTALLATION REPORT 63 WATER RESOURCES WATER RESOURCES WATER RESOURCES
WELL O	WNER_	ARTHUR	R. Wi	NNE	R_	
ADDRES	_	RiflE Gold	816:	50		T. 5 S, R. 92 W, 6 P.M.
DATE C	OMPLET	FEB	6		, 19 75	HOLE DIAMETER
CSSE	58	⊗⊘ WELLI	og elev s	SWL 5	830	63/1 in. from 0 to 430 ft.
From	То	1 2	olor of Materia		Water Loc.	in. from to ft.
0	30'	OVER BU	Rden			DRILLING METHOD ROTARY
30	1/20	Shape	* 3		1,1,0	CASING RECORD: Plain Casing
30	430	SHIPE			410	Size 5 & kind 0320 from 0 to 390 ft.
				14		Size & kind from to ft.
			ň.			Size & kind from to ft.
	×					Perforated Casing
			6			Size 5/2 & kind 0320 from 390 to 430ft.
			* 9			Size & kind from to ft.
		G				Size & kind from to ft.
		* of		10		GROUTING RECORD
			· þ			Material GEMENT
			. के. इ			Intervals 0-40'
						Placement Method POUR ON PACKER
						GRAVEL PACK: Size
				9		Interval
						Tittel vai
						TEST DATA
						Date Tested FEb 7 , 19 25
		-			a ,	Static Water Level Prior to Test 50 ft.
						Type of Test Pump BaileR
						Length of Test 3 hRs
			1/4	~		Sustained Yield (Metered) 3 68M
	llee -	TOTAL D		oto loc	١ .	Final Pumping Water Level 430
	Use a	additional pages nece	ssary to comple	ete rog.		Amai i uniping water Level

Name: Troy Trevathan

Unique ID: TREV-5S92W-32 Address: 2900 CR 233, Rifle, CO

Phone: 970-625-4846

Date Sampled: August 4, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







					FOR OFFICE USE	DNLY	Market St.	
/ WELL	CONSTRUCTION AN	ID TEST REP	PORT					
STATE OF	COLORADO OFFICE O	F THE STATE	ENGINEE	R	חרה			
STATE OF COLORADO, OFFICE OF THE STATE EN				20	RECEIVED			
1. WELL P	ERMIT NUMBER	10	_					
2. Owner Name(s): Troy Trevathan JUN 0 4 1998								
Mailing Ad	ddress: 605 W. 26th St			1	WATER	reduces.		
City, St. Z	ip: Rifle, Co. 81650				STATE	RESOURCES ENGINEER		
Phone (970) 625-4846								
3. WELL LO	CATION AS DRILLED:	NE 1/4 SE	1/4 Sec	c. 32 TV	wp. 05S Ra	nge 92W		
DISTANCES FROM SEC. LINES:								
	ft, from	Sec. line. and		ft. from	-			
SUBDIVIS	SION: Antiers Orchard		LOT 34 BLOCK FILING(UNIT)					
STREET	ADDRESS AT WELL LOCATI	ON:						
4 GROUNE	SURFACE ELEVATION	ft.	DF	RILLING MET	HOD Air Rotar			
Not be a second of the second		TOTAL I	DEPTH	200 ft.	DEPTH COMPL	ETED 2	200 ft.	
DATECC	OMPLETED 05/15/98			danse:			-0 (8)	
5. GEOLG	OGIC LOG :		6. HOLE	DIAM. (in)	FROM (ft)	99	TO (ft)	
Depth	Type of Material (Size, Col	or, and Type)		9.0	0		25	
000-004	Topsoil			6.5	25		200	
004-200	Wasatch Formation							
004-200	VVasatori i simaten		7. PLAIN CASING					
			OD (in)	Kind	Wall Size	From (ft)	To (ft)	
			7.0	Steel	0.240	-1	25	
			5.5	PVC	.250	20	45	
			5.5	PVC	.250	55	160	
			1					
			PERE CA	SING : Scre	en Slot Size:			
				5.5 PVC		45	55	
				PVC	.250	160	190	
			5.5			1		
			8. Filter F	Pack	9. Packer Placement			
1			Material :		Type:			
			Size:		Depth:			
WATER LOCATED: 45, 180 ?			Interval	9				
REMARK	S:		10. GROUTING RECORD :					
1,12			Material	Amount	Density	Interval	Placement	
			cemen		16 gal	5-25	poured	
1			Cerrion					
1				_				
					Amt. Used	1: 4 oz.		
11. DISINF	ECTION: Type: HTH	T ID-to in Cubmi	Hod On Su	onlemental F				
12. WELL T	EST DATA :[] Check Box If	lest Data is Submi	illed On Su	ppiememan	0 ,,,,,			
	G METHOD : Air Compressor	f - /Time Measured 1	05/15/0	o o	Production Rat	e: .f	gpm.	
Static Level: 12 π. Date/Time Weasured: 05/15/50 Test Length: 2 hrs.						2 hrs.		
Pumping Level: Total ft. Date/Time Measured: 05/15/98 Test Length: 2 Ins.								
Remark	S : d the statements made herein and know the conte		us to my knowledge	e (Pursuant to Section	n 24-4-104 (13)(a) CRS, the	making of false state	emente constitutes	
penury in	the second degree and is pullishable as a seess !		ue to my knowledgi	e. (i meanin la conto	Dhone : /0	70) 927-41	82	
CONTRA	CTOR: Shelton Drilling Co.	rp.	<i>(</i> _			1095	3.00	
Mailing A	ddress : P.O. Box 1059	Basalt, C0/18/16/		A		Date	05/18/98	
Name / Tit	lle (Please Type or Print) Shelton / President	1	s.me	XI				
vvayile	ZHOROTT / TOORSTR		ay -			14	The state of the s	

ORIGINAL

WELL CONSTRUCTION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER				ER	RECEIVED				
WELL PERMIT NUMBER MH-33389					JUL ^{0 6} 1998				
Mailing A	Mailing Address : 605 W. 26th St City, St. Zip : Rifle, Co. 81650 Phone (970) 625-4846					WATER RESOURCES STATE ENGINEER COLD. APPROVAL # GW931-91-03			
	OCATION AS DRILLED: CES FROM SEC. LINES:	NE 1/4 SE	1/4 Se	c. 32	Twp. 058	8 Ran	ge 92W		
DISTAN		Sec. line. and	ft. from Sec. line. OR						
SUBDIVISION: Antiers Orchard LOT 34 BLOCK FILING(UNIT) STREET ADDRESS AT WELL LOCATION:									
	D SURFACE ELEVATION	ft.	D	RILLING I	METHOD	Air Rotary			
The Residence of the State of t	OMPLETED 05/15/98	TOTAL	DEPTH	200 ft	. DEPTH	COMPLE	red :	200 ft.	
5. GEOL	OGIC LOG:		6. HOLE DIAM. (In)			FROM (ft)		TO (ff)	
Depth	Type of Material (Size, Co	lor, and Type)	9.0			0		25	
000-004	Topsoli			6.5		25		200	
004-200	Wasatch Formation		7 DI AIA	CASING					
							all Size From (ft)		
	3,000,000		OD (in) 7.D	Stee	el	0.240	-1	25	
			5.5	PVC		0.250		45	
			5.5	PVC	2	0.250		160	
						0			
			PERF. CASING : Screen Slot Size :						
				5.5 PVC		.250 4		55	
			5.5	PV	0	.250	160	190	
WATER LOCATED: 45, 180 ? REMARKS:			8. Filter Pack Material: Size: Interval: 10. GROUTING RE		9. Packer Placement Type: Depth:				
			Material Amount					Placement	
			cement			gal	5-25	poured	
11. DISINFE	CTION: Type: HTH		- TO- 5			nt Used:	4 oz.		
TESTING Static Le Pumping	Level: Total ft. Date	e/Time Measured : e/Time Measured :	05/15/98 05/15/98	3	Produc Test Le		2	hrs.	
13. I have road porturyin it	the statements made herein and know the contents second degree and is punishable as a class to CTOR: Shelton Drilling Cor	P.		(Pursuant to Sc	Ph	one : (970	927-418		
Name / Title	dress: P.O. Box 1059 e (Please Type or Print) chelton / President	Basalt, C0, 8162 Signature	1		LIC	No. 109	Date	05/18/98	

Name: Tybar Ranch (Mark Nieslanik)

Unique ID: TYB-6S93W-3

Address: 1179 CR 233, Rifle, CO

Phone:

Date Sampled: August 15, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No







Name: Tybar Ranch (Mark Nieslanik)

Unique ID: TYB-5S92W-32 Address: 1179 CR 233, Rifle, CO

Phone:

Date Sampled: August 16, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No





Name: Leroy Urban

Unique ID: URBAN-5S92W-33 Address: 284 CR 259A, Rifle, CO

Phone: 970-625-2785

Date Sampled: August 3, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Chuck Walker

Unique ID: WALKER-5S92W-25 Address: 769 CR 250, Silt, CO

Phone: 970-876-2434

Date Sampled: August 9, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No



Name: Lowell Walter

Unique ID: WALTER-6S92W-4 Address: 969 CR 231, Silt, CO

Phone: 970-876-5728

Date Sampled: August 8, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: No



Well buried in shaft



Name: Bob and Barbara Ward Unique ID: WARD-5S92W-32 Address: 2359 CR 250, Silt, CO

Phone: 970-876-1984

Date Sampled: August 15, 2006 **Previously Sampled?:** Yes

Sampled for Isotopic Gas Analysis?: No







WELL CONSTRUCTION AND TEST F				
1. WELL PERMIT NUMBER 152184 8.	BEREIVED			
2 OWNER NAME(S) Arthur S. Barrows Mailing Address P.O. Box 1 City, St. Zip New Castle Co. 81647	FEB 1 0'92			
City, St. Zip New Castle Co. 81647 Phone (303) 876-2114	VALEN COLO.			
3. WELL LOCATION AS DRILLED: SW 1/4 NW 1/4, Sec DISTANCES FROM SEC. LINES: 2050 ft. from North Sec. line. and 700	:32 Twp5 S, Range91w			
SUBDIVISION: STREET ADDRESS AT WELL LOCATION: 2359 250 R	LOT BLOCK FILING(UNIT)			
5100	ILLING METHOD Air Rotary (DHD)			
DATE COMPLETED 12-15-91 . TOTAL D	EPTH 160 tt. DEPTH COMPLETED 160 tt.			
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) 0-9 Overburden ½" minus 9-12 Shale ½ minus Drk. Gray Soft 12-136 Blue Shale ½" minus, Mod. Hard	6. HOLE DIAM. (in.) From (ft) To (ft) 22,6"			
136-142 Brown Sandstone 4" minus. Hard 142-160 Blue Shale 4" minus. Mod. Hard 138 Water	7. PLAIN CASING OD (in) Kind Wall Size From(ft) To(ft) 7" Steel .231 +1 22.6" 5 PVC .231 10 100 5 PVC .231 150 160 PERF. CASING: Screen Slot Size: 1/8" x 4"			
	54 PVC231100150			
	8. FILTER PACK: 9. PACKER PLACEMENT: Material None Type NONE Size			
	Interval Depth			
	GROUTING RECORD: Material Amount Density Interval Placement			
REMARKS:	Grout 350# 22Ft. Hand 2-Gal50#			
THE DISINEECTION. Type I in a 12 marsh	Amt Head 2 Owner			
11 DISINFECTION: Type Liquid Bleach Amt. Used 7 Cups 12 WELL TEST DATA: X Check box if Test Data is submitted on Supplemental Form. TESTING METHOD Drill Pipe (Air). Static Level 27Ft. ft. Date/Time measured 12-15-91 , Production Rate 3 GPM gpm. Pumping levelft. Date/Time measured Test length (hrs.) Remarks				
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class ! misdemeanor.] CONTRACTOR Blue Sky Drilling Inc. Phone (303) 876-2814 Lic. No.1235				
Mailing Address P.O. Box 136 Silt Co. 81652 Name/Title (Please type or print) Signature	Date			
Frank Gaasch President Man	th Joseph Jeb. 7, 1992			
V				

Name: Del Whittington

Unique ID: WHITT-6S91W-6 Address: 4791 CR 214, Silt, CO

Phone: 970-876-2664

Date Sampled: August 8, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes





Name: Jack Wigington

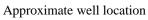
Unique ID: WIGINGTON-6S93W-3 Address: 720 CR 233, Rifle, CO

Phone: 970-625-1398

Date Sampled: July 31, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







Wigington- 6898W-3

WELL LOG	WELL DATA
Ground Elevation	Date Started 5-15-67
Type Drilling Cable Lage	Date Completed 5-20-67
From To Type of Material Water Loc, Perf. 0 12 Clay Bracer 12 65 Gracel Brownlly	Hole Diameter: in. fromft. toft. in. fromft. toft. in. fromft. toft.
65 85 Brown Clay	CASING RECORD Cemented from Plain Casing Size 7, kind 570 from 0 ft. to 64 ft.
95 110 Beauw Clay	Size 1, kind 510 from 64 ft. to 69 ft. Size 5, kind 510 from 64 ft. to 110 ft.
	Size, kindfromft, to ft.
	Size 7, kind STD from 54 ft. to 64 ft.
	Size, kind from ft. to ft.
	TEST DATA Date Tested 5-20-67 Type of Pump Length of Test Constant Yield 5 GPM Drawdown
	PUMP DATA (To be filled in) Type of Pump Outlet Size Driven by
	Horsepower
Use additional paper if necessary to complete log and attach.	RS STATEMENT DEPTH TO WATER 95
State of Colorado County of ss	TOTAL DEPTH 110
says: he is the driller of the above described well; he content thereof, and the same is true of his own know.	
	License No. 78
Subscribed and sworn to before me this	day of, 19
My Commission expires, 19	Notary Public
FORM TO BE MADE OUT IN QUADRUPLICATE: Original WHITE (both sides) & Triplicate GREEN Copy must be filed Duplicate PINK copy is for the Owner & YELLOW copy for the Driller SIDES AND SIGNED.	with the State Engineer within 30-days after well is completed. r. WHITE FORM MUST BE AN ORIGINAL COPY ON BOTH

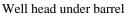
Name: Robert Zarlingo Unique ID: ZAR-6S92W-3 Address: 970 CR 231, Silt, CO

Phone: 970-876-2611

Date Sampled: August 9, 2006 **Previously Sampled?:** No

Sampled for Isotopic Gas Analysis?: Yes







WELL CONSTRUCTION AND TEST F STATE OF COLORADO, OFFICE OF THE STATE	ENGINEER REUL
1. WELL PERMIT NUMBER 16.77.95	7795
2 OWNER NAME(S) Anthony Zerlingo Mailing Address 0970 Rd. 231 City, St. Zip Silt CO 81652 Phone (303) 876-2611	WATER H.
3. WELL LOCATION AS DRILLED: SW 1/4 NW 1/4, Sec DISTANCES FROM SEC. LINES: 3000 ft. from South Sec. line, and 5000 SUBDIVISION: STREET ADDRESS AT WELL LOCATION: 231 Rd. 4. GROUND SURFACE ELEVATION 5452 ft. DRI	ft. from East Sec. line. OR (cest or west) LOTBLOCKFILING(UNIT)
DATE COMPLETED 5-29-93 . TOTAL D	EPTH 60 ft. DEPTH COMPLETED 60 ft.
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location) U-10 Overburden 10-32 Boulder, Clay, Sand	6. HOLE DIAM. (in.) From (ft) To (ft) 9 0 42 6½ 42 60
32-40 Sandstone 1/8"minus Brown 40-50 Sand & Gravel 3/4"minus Gray 50-60 Gravel 3/4" Multi 56 Water	7. PLAIN CASING OD (In) Kind Wall Size From(ft) To(ft) 7
	8. FILTER PACK: 9. PACKER PLACEMENT:
	Material None Type None Size Depth
	10. GROUTING RECORD:
REMARKS: Non	Material Amount Density Interval Placement -shrink 500 lbs. 20'to42' hand 5 gal, per 100 lbs.
tt. DISINFECTION: Type Liquid Bleach	Armt. Used 2 cups
T2: WELL TEST DATA: Check box if Test Data is subrated to the Drill Pipe Air Static Level 48 ft. Date/Time measured 5-29 Pumping level ft. Date/Time measured Remarks	nitted on Supplemental Form.
T3. I have read the statements made herein and know the contents thereof, and that the of false statements herein constitutes perjury in the second degree and is punished CONTRACTOR Blue Sky Drilling Inc. Mailing Address PO Box 136 Silt CO 81652	ble as a class 1 misdemeanor.] Phone (303) 876-2814 Lic. No. 1235.
Name/Title (Please type or print) Kim A. Gaasch Secretary/Treasuren Driller	a. Sassel 2/19/93

Appendix B

Detailed Well Information

Table 1: General Sampled Well Information Page 1 of 2

Well ID	Well Owner	Permit Number	COGCC Facility ID*	COGCC Sample ID*	Physical Address of Well	City	Sample Date	Latitude **	Longitude **	Well Depth***	Comments
SUITES-5S92W-35	Suits, Drew	+			225 CR 266	Silt	7/31/2006	39.57212127	-107.6799584		Coordinates are 25 feet E of well.
PATTON-5S92W-36	Patton, Max and Leota	201045			7393 CR 233	Silt	7/31/2006	39.56518614	-107.6602031	120	
GREEN-6S93W-1	Green, Judy and Darrell	115082	703107	56	1009 CR 223	Rifle	7/31/2006	39.55840258	-107.7297226	95	
STEWART-6S93W-1	Stewart, Douglas	70042	703107		2888 CR 210	Rifle	7/31/2006	39.55039336	-107.717927	150	
WIGINGTON-6S93W-3	Wigington, Jack	30853	703103	30	720 CR 233	Rifle	7/31/2006	39.55404242	-107.7662367	110	
BLAIR-5\$92W-36	Blair, John and Deena	42426			407 CR 261	Silt	8/1/2006	39.57105	-107.65862	120	
POLLARD-6S92W-4	Pollard, Wayne	242127	703080	10	6448 CR 233	Silt	8/1/2006	39.56383	-107.67547	200	
COSTANZ-6S92W-6	Costanzo, Kevin and Lynda	53597	703000	10	514 CR 225	Rifle	8/1/2006	39.55304	-107.705692	80	
BAIN-6S93W-10	Bain, Phil	225447			1983 CR 293	Rifle	8/1/2006	39.5422197	-107.7526209	200	
PENN-5S92W-31	Pennington, John	225441			318 CR 297	Rifle	8/1/2006	39.57806798	-107.7630098	200	
ELDERKIN-5S91W-30	Elderkin, Bob	118740			1513 CR 250	Silt	8/1/2006	39.58037	-107.64253	400	
CHR-6S92W-1	Cedar Hills Ranch HOA (Kent Lohse)	48773			4073 CR 214	Silt	8/1/2006	39.5578	-107.61025	400	
MURPH-6S92W-6	Murphy, Steve	40773				Rifle	8/2/2006	39.55846	-107.70551		
SCHOUTEN-6S92W-5	Schouten, Roger and Kathryn	126574			394 Fox Run	Rifle	8/2/2006	39.55091	-107.69366	110	
NESBIT-6S92W-5	Nesbit, Dale and Julie	41511			594 CR 216	Rifle	8/2/2006	39.55091	-107.69598	58	
SALB-6S93W-12	Salbidres, Ramon	41311			51 CR 223	Rifle	8/2/2006	39.54436815	-107.7308437	50	Coordinates are 7 feet S and 2 feet W of well.
GREEN-6S93W-11	Green, Ardis	170888			603 CR 221	Rifle	8/2/2006	39.54478398	-107.7360684	150	Approximate location, well buried.
BRE-6S93W-11	Big R Ent. LLC (Bob Regulski)	61899			28485 Hwy 6124	Rifle	8/2/2006	39.54193363	-107.7300084	68	Approximate location, well bulled.
SHOUP-6S93W-10	Shoup, Richard	01099			1318 CR 294	Rifle	8/2/2006	39.5386176	-107.7577387	00	Coordinates are 20 feet S of well.
LYONS-5S91W-31	Lyons, Doug and Sue	47094			2160 CR 250	Silt	8/2/2006	39.57566	-107.7577367	155	
ORTON-5S91W-31	Orton, Rich	47094			966 CR 228	Silt	8/2/2006	39.57859	-107.64641	100	
FAZZI-5S91W-32	Fazzi, Richard and Ester	66160			1740 CR 214	Silt	8/2/2006	39.56418	-107.64928		
URBAN-5S92W-33	Urban, Leroy	00100				Rifle	8/3/2006	39.57658954	-107.7184842		Coordinates are 17 feet S of well.
HUGHES-6S91W-4	Hughes, Norma				6599 CR 214	Silt	8/3/2006	39.56083	-107.7164642		Coordinates are 17 feet 5 of well.
TALBOTT-6S91W-4	Talbott, Russel and Dennie				6851 CR 214	Silt	8/3/2006	39.5608	-107.56303		
ALLEN-5S92W-30	Allen, Ed and Sheila	38005			488 CR 251	Rifle	8/4/2006	39.59100771	-107.7600866	100	Coordinates are 15 feet SE of well.
TREV-5S92W-32	·	210890			2900 CR 233	Rifle					
LOWD-5S92W-33	Trevathan, Troy Lowdermilk, Darrell	107876				Rifle	8/4/2006 8/4/2006	39.57107045 39.56857675	-107.7349929 -107.7192683	200 123	
	,									123	
COPE-6S92W-2	Copeland, Iris	181155 111594			925 CR 218 6411 CR 214	Silt Silt	8/4/2006 8/4/2006	39.55064 39.56056	-107.63983 -107.57169	124	
CHENO-6S91W-5 COULTER-5S92W-34	Chenowetch, Jim	93211			4487 CR 233	Rifle	8/7/2006	39.56425	-107.71259		
MILLER-5S92W-34	Coulter, Frances	36072			520 CR 259	Rifle	8/7/2006	39.56425	-107.71259	300	
	Miller, Robert and Karen	36072							-107.65283	300	
ARMSTRONG-5S91W-30	Armstrong, Susan and Harvey				413 Ingersoll Lane 5818 CR 214	Silt	8/7/2006 8/7/2006	39.58514 39.55681	-107.579		
MARTIN-6S91W-5 GUCCINI-6S91W-5	Martin, David Guccini, T.J				6070 CR 214	New Castle Silt	8/7/2006	39.5581183	-107.5744066		
OLIVER-5S92W-26	,	155391						39.58211	-107.67902	200	
	Oliver, Lyle	155391	702402	E1	435 Odin Drive	Silt	8/8/2006			200	
HINKLE-6S92W-4	Hinkle, Amber and Phil		703102	51		Silt	8/8/2006	39.5553			
WALTER-6S92W-4	Walter, Lowell Mello, Mike	100040			969 CR 231	Silt	8/8/2006	39.56018	-107.6638	200	
MELLO-5S92W-26		126342			896 CR 266	Silt	8/8/2006	39.58038	-107.68021	200	
BECKER-6S91W-6 WHITT-6S91W-6	Becker, Jim	77160			4520 CR 214	Silt	8/8/2006	39.55728	-107.60195 -107.59878	115	
WALKER-5S92W-25	Whittington, Del	264719	703029	7	4791 CR 214 769 CR 250	Silt	8/8/2006 8/9/2006	39.55948 39.57954	-107.59878 -107.65959		
SAM-5S91W-31	Walker, Chuck	204/19	703029	/		Silt					
	Samuelson, Terrie	_			381 CR 228	Silt	8/9/2006	39.56876	-107.65277		
LAYMAN-5S92W-25	Layman, Mary	407705			403 CR 250	Silt	8/9/2006	39.58319	-107.66179 -107.66271		
ZAR-6S92W-3	Zarlingo, Robert	167795			970 CR 231	Silt	8/9/2006	39.56043		60	
BELLIO3-6S92W-2	Bellio, John	405707			3204 CR 214	Silt	8/9/2006	39.55571	-107.62738	000	
BELLIO2-5S91W-32	Bellio, John	105767			2543 CR 214	Silt	8/9/2006	39.56437	-107.63199	200	
BELLIO1-6S92W-2	Bellio, John	183310	700404			Silt	8/9/2006	39.55907	-107.62808	100	
MOEN-6S92W-6	Moen, Nathan	49861	703101			Rifle	8/10/2006	39.56358	-107.70099	400	
COLLER-5S91W-4	Coller, Marvin	119031	703104	53	7000 CR 214	New Castle	8/10/2006	39.55897	-107.56071	102	

^{*} COGCC Internal ID

^{**} North American Datum of 1983
*** Well depth (ft) as reported in Well Construction Diagrams obtained from the CO Division of Water Resources

Table 1: General Sampled Well Information Page 2 of 2

Well ID	Well Owner	Permit Number	COGCC Facility ID*	COGCC Sample ID*	Physical Address of Well	City	Sample Date	Latitude **	Longitude **	Well Depth***	Comments
HOLSAN-6S91W-6	Holsan, Richard	72678	703140	12	4773 CR 214	Silt	8/10/2006	39.55875	-107.59915	100	
FIELDS-6S93W-1	Fields, Scott		703108	57	2492 CR 210	Rifle	8/14/2006	39.55155061	-107.7258363		Coordinates are 13 feet N of well.
KRIZ-6S93W-10	Kriz, Ken	60288			255 CR 210	Rifle	8/14/2006	39.53391148	-107.7574172	140	
MGD-6S93W-11	Meadow Gold Dairy (Craig Peterson)		703111	60	836 CR 210	Rifle	8/14/2006	39.54248082	-107.7471287		Coordinates are 22 feet S of well.
COPE-6S93W-11	Copeland Concrete (Tim Copeland)		703110	59	28803 Hwy 6	Rifle	8/14/2006	39.543571	-107.733233		
PRADO-6S93W-2	Prado, Jesus				1743 CR 210	Rifle	8/14/2006	39.55335	-107.740128		
ALESSANDRO-6S92W-1	Alessandro, Marjorie				3445 CR 214	Silt	8/14/2006	39.55648493	-107.6231974		
SPAULDING-5S92W-34	Spaulding, Larry	161380			531 CR 260	Silt	8/14/2006	39.5706312	-107.6972142	148	Corrdinates are 22 feet W of well.
BARRIE-5S92W-35	Barrie, Tony	156882			5721 CR 233	Silt	8/14/2006	39.56440953	-107.6903382		Coordinates are 50 feet E and 25 feet S of well.
SILLS-5S93W-36	Sills, Maria and Newby				273 Hwy 13	Rifle	8/15/2006	39.5660421	-107.7715556		
TYB-6S93W-3	Tybar Ranch (Mark Nieslanik)		703112	61	1179 CR 233	Rifle	8/15/2006	39.55886269	-107.7601868		
BROW-5S92W-32	Brownson, Jim and Jackie	60902	703031	11	3181 CR 233	Rifle	8/15/2006	39.56600689	-107.7327255		
PATR-5S92W-28	Patrick, Terry	210911			1175 CR 259	Rifle	8/15/2006	39.58415263	-107.7156368	85	
WARD-5S92W-32	Ward, Barbara and Bob	152134	703081	9	2359 CR 250	Silt	8/15/2006	39.57303723	-107.6353203	160	
THOMAS-5S92W-26	Thomas, Jerry and Nancy	77548	703236	0	1491 CR 237	Silt	8/15/2006	39.58137065	-107.670163	430	
GULLYVENTURES-6S92W-9	Hulslander, Joyce				32339 Hwy 6	Silt	8/15/2006	39.54824559	-107.6733033		
RUSCH-6S92W-3	Rusch, Jerry				353 East Vista Drive	Silt	8/15/2006	39.5599895	-107.647556		
RCE-5S92W-30	Rifle Creek Estates (Michael Brown)	1			1046 SR 325	Rifle	8/16/2006	39.58744239	-107.7676522		
ASG-5S92W-26	Asgard Water System (Dennis Webb)				2237 CR 456	Silt	8/16/2006	39.58618275	-107.6765999		
TYB-5S92W-32	Tybar Ranch (Mark Nieslanik)				1179 CR 233	Rifle	8/16/2006	39.56458946	-107.7458022		

^{*} COGCC Internal ID

^{**} North American Datum of 1983

*** Well depth (ft) as reported in Well Construction Diagrams obtained from the CO Division of Water Resources

Appendix C

Laboratory Analytical Results



STL Denver 4955 Yarrow Street Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171 www.stl-inc.com

ANALYTICAL REPORT

Garfield County Water/Gas Sampling

Lot D6H030225

Christine Pearcy

S. S. Papadopulos & Associates, Inc. 1877 Broadway Suite 703 Boulder, CO 80302-5245

SEVERN TRENT LABORATORIES, INC. / STL DENVER

Michael P. Phillips Project Manager

Michael P. Whillyn

August 22, 2006

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Table Of Contents

Standard Deliverables

Report Contents

Total Number of Pages

Standard Deliverables

The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.

- Table of Contents
- Case Narrative
- Executive Summary Detection Highlights
- Methods Summary
- Method/Analyst Summary
- Lot Sample Summary
- Analytical Results
- QC Data Association Summary
- Chain-of-Custody

CASE NARRATIVE D6H030225

The following report contains the analytical results for twelve samples and a trip blank submitted to STL Denver by S. S. Papadopulos & Associates for the Garfield County Water/Gas Sampling Project. The samples were received August 3, 2006, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter listed on the methods summary page in accordance with the method indicated. A summary of QC data for this analysis is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition at cooler temperatures of 4.2°C and 2.8°C. STL uses a holding time of 24 hours for pH by Method 150.1 to allow for sample shipment. However, the analysis for pH by Method 150.1 should be performed in the field immediately following sampling. The analyses for pH were performed by the lab outside of STL's hold time of 24 hours. In addition, for all of the samples except COSTANZ-6S92W-6, the Nitrate and Nitrite analyses by Method 300.0A were performed outside the holding time of 48 hours due to the samples arriving at the lab either past the holding time or with less than half the holding time remaining. It is STL's policy to analyze all samples within holding times, but when samples are received with less than half the holding time remaining, this can not be guaranteed. The client was notified on August 4, 2006 and the lab was advised to proceed with the analyses.

No other anomalies were observed.

BTEX / MTBE, SW846 Method 8021B

No anomalies were observed.

Dissolved Methane, RSK SOP-175

No MS/MSD could be performed due to insufficient sample volume; however, a LCS/LCSD pair was analyzed to demonstrate method precision.

No other anomalies were observed.

Total Metals, EPA Method 200.8

No anomalies were observed.

Major Cation, EPA Method 200.7

The percent recoveries and the relative percent difference of the MS/MSD performed on a sample from another client and/or lot were not calculated for Sodium because the sample concentration was greater than four times the spike amount.

The serial dilution for Calcium did not meet the control criteria due to physical or chemical interferences. The Calcium results are flagged with "L" in the report as a result.

No other anomalies were observed.

Major Anions, EPA Method 300.0

All of the samples required dilutions for one or more of the Major Anions due to the high concentrations of the target analytes in the samples or matrix interferences. The reporting limits have been adjusted relative to the dilutions required and the results have been flagged with "Q" or "G" in the report.

No other anomalies were observed.

Alkalinity, pH, and Total Dissolved Solids, EPA Methods 310.1, 150.1, and 160.1

Sample GREEN-6S93W-10 required a dilution for Total Dissolved Solids due to the high concentration of the target analyte in the sample. The reporting limit has been adjusted relative to the dilution required and the result has been flagged with "Q" in the report.

No other anomalies were observed.

D6H030225

PARA	AMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
GREEN-6S93V	₩-10 07/31/06 14:15 001					
Calo	cium	280000 L	200	ug/L	MCAWW 200.7	
Magr	nesium	180000	200	ug/L	MCAWW 200.7	
Pota	assium	15000	3000	ug/L	MCAWW 200.7	
Sodi	ium	1600000	5000	ug/L	MCAWW 200.7	
Arse	enic	29	5.0	ug/L	MCAWW 200.8	
Bari	ium	8.0	1.0	ug/L	MCAWW 200.8	
Lead	Ē	1.7	1.0	ug/L	MCAWW 200.8	
Mang	ganese	130	1.0	ug/L	MCAWW 200.8	
Sele	enium	810	5.0	ug/L	MCAWW 200.8	
Hq		7.4	0.10	No Units	MCAWW 150.1	
	al Dissolved olids	6300 Q	20	mg/L	MCAWW 160.1	
Chlo	oride	790 Q	60	mg/L	MCAWW 300.0A	
Suli	fate	2500 Q	500	mg/L	MCAWW 300.0A	
Bron	mide	3.4 G	1.0	mg/L	MCAWW 300.0A	
Bica	arbonate, as CaCO3	370	5.0	mg/L	MCAWW 310.1	
CHR-6S92W-1	1 08/01/06 12:05 002					
Calo	cium	50000 L	200	ug/L	MCAWW 200.7	
Magr	nesium	16000	200	ug/L	MCAWW 200.7	
Sod	ium	210000	5000	ug/L	MCAWW 200.7	
Bari	ium	29	1.0	ug/L	MCAWW 200.8	
Mang	ganese	62	1.0	ug/L	MCAWW 200.8	
рH		7.7	0.10	No Units	MCAWW 150.1	
	al Dissolved olids	720	10	mg/L	MCAWW 160.1	
Chlo	oride	19	3.0	mg/L	MCAWW 300.0A	
Suli	fate	150 Q	25	mg/L	MCAWW 300.0A	
Fluo	oride	1.7	0.50	mg/L	MCAWW 300.0A	
Bica	arbonate, as CaCO3	420	5.0	mg/L	MCAWW 310.1	
WININGTON-	6S93W-3 07/31/06 17:10 003					
Cal	cium	130000 L	200	ug/L	MCAWW 200.7	
Magr	nesium	74000	200	ug/L	MCAWW 200.7	
Sod	ium	39000	5000	ug/L	MCAWW 200.7	
Bar	ium	9.8	1.0	ug/L	MCAWW 200.8	
Lead	i	1.1	1.0	ug/L	MCAWW 200.8	
Mang	ganese	1.8	1.0	ug/L	MCAWW 200.8	
Sele	enium	5.0	5.0	ug/L	MCAWW 200.8	
pН		7.3	0.10	No Units	MCAWW 150.1	
	al Dissolved olids	940	10	mg/L	MCAWW 160.1	

${\bf EXECUTIVE\ SUMMARY\ -\ Detection\ Highlights}$

D6H030225

		REPORTING		ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
*** The state of t				
WININGTON-6S93W-3 07/31/06 17:10 0	03			
Chloride	8.2	3.0	mg/L	MCAWW 300.0A
Sulfate	340 Q	50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	350	5.0	mg/L	MCAWW 310.1
PENN-5S92W-31 08/01/06 13:00 005				
Calcium	150000 L	200	ug/L	MCAWW 200.7
Magnesium	67000	200	ug/L	MCAWW 200.7
Potassium	4000	3000	ug/L	MCAWW 200.7
Sodium	71000	5000	ug/L	MCAWW 200.7
Barium	17	1.0	ug/L	MCAWW 200.8
Lead	1.1	1.0	ug/L	MCAWW 200.8
рн	7.3	0.10	No Units	MCAWW 150.1
Total Dissolved	940	10	mg/L	MCAWW 160.1
Solids				
Chloride	12	3.0	mg/L	MCAWW 300.0A
Sulfate	340 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.62	0.50	mg/L	MCAWW 300.0A
Nitrate	0.63	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	390	5.0	mg/L	MCAWW 310.1
BAIN-6S93W-10 08/01/06 09:30 006				
Calcium	150000 L	200	ug/L	MCAWW 200.7
Magnesium	100000	200	ug/L	MCAWW 200.7
Potassium	8900	3000	ug/L	MCAWW 200.7
Sodium	220000	5000	ug/L	MCAWW 200.7
Barium	9.7	1.0	ug/L	MCAWW 200.8
Lead	3.1	1.0	ug/L	MCAWW 200.8
Manganese	4.1	1.0	ug/L	MCAWW 200.8
Selenium	36	5.0	ug/L	MCAWW 200.8
рн	7.3	0.10	No Units	MCAWW 150.1
Total Dissolved	1600	10	mg/L	MCAWW 160.1
Solids			,	
Chloride	17	3.0	mg/L	MCAWW 300.0A
Sulfate	380 Q	50	mg/L	MCAWW 300.0A
Nitrate	1.6	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	410	5.0	mg/L	MCAWW 310.1

D6H030225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
POLLARD-6S92W-4 08/01/06 08:30 007				
Calcium	140000 L	200	ug/L	MCAWW 200.7
Magnesium	84000	200	ug/L	MCAWW 200.7
Potassium	4800	3000	ug/L	MCAWW 200.7
Sodium	110000	5000	ug/L	MCAWW 200.7
Barium	14	1.0	ug/L	MCAWW 200.7
Lead	1.6	1.0	ug/L	MCAWW 200.8
Manganese	1.1	1.0	ug/L	MCAWW 200.8
Selenium	5.8	5.0	ug/L	MCAWW 200.8
рн	7.2	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1200	10	mg/L	MCAWW 160.1
Chloride	10	3.0	mg/L	MCAWW 300.0A
Sulfate	520 Q	100	mg/L	MCAWW 300.0A
Fluoride	0.56	0.50	mg/L	MCAWW 300.0A
Nitrate	0.69	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	350	5.0	mg/L	MCAWW 310.1
BLAIR-5S92W-36 08/01/06 11:30 008				
Calcium	30000 Ь	200	ug/L	MCAWW 200.7
Magnesium	1000	200	ug/L	MCAWW 200.7
Sodium	400000	5000	ug/L	MCAWW 200.7
Barium	12	1.0	ug/L	MCAWW 200.8
Manganese	6.7	1.0	ug/L	MCAWW 200.8
Selenium	16	5.0	ug/L	MCAWW 200.8
рн	8.0	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1200	10	mg/L	MCAWW 160.1
Carbonate, as CaCO3	17	5.0	mg/L	MCAWW 310.1
Chloride	170 Q	30	mg/L	MCAWW 300.0A
Sulfate	300 Q	50	mg/L	MCAWW 300.0A
Fluoride	1.4	0.50	mg/L	MCAWW 300.0A
Nitrate	0.89	0.50	mg/L	MCAWW 300.0A
Bromide	0.28	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	340	5.0	mg/L	MCAWW 310.1
SUITES-5S92W-35 07/31/06 14:40 009	·			
Calcium	68000 L	200	ug/L	MCAWW 200.7
Magnesium	59000	200	ug/L	MCAWW 200.7
Potassium	4500	3000	ug/L	MCAWW 200.7
Sodium	46000	5000	ug/L	MCAWW 200.7
Barium	16	1.0	ug/L	MCAWW 200.7 MCAWW 200.8
	- 		~3/	1.011111 200.0

D6H030225

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SUITES-5S92W-35 07/31/06 14:40	009				
рн		7.6	0.10	No Units	MCAWW 150.1
Total Dissolved		610	10	mg/L	MCAWW 160.1
Solids					
Chloride		8.6	3.0	mg/L	MCAWW 300.0A
Sulfate		170 Q	25	mg/L	MCAWW 300.0A
Fluoride		0.54	0.50	mg/L	MCAWW 300.0A
Nitrate		0.58	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3		310	5.0	mg/L	MCAWW 310.1
PATTON-5S92W-36 07/31/06 13:05	010				
Calcium		150000 L	200	ug/L	MCAWW 200.7
Magnesium		66000	200	ug/L	MCAWW 200.7
Potassium		3700	3000	ug/L	MCAWW 200.7
Sodium		200000	5000	ug/L	MCAWW 200.7
Barium		8.5	1.0	ug/L	MCAWW 200.8
Lead		1.4	1.0	ug/L	MCAWW 200.8
Selenium		16	5.0	ug/L	MCAWW 200.8
рН		7.2	0.10	No Units	MCAWW 150.1
Total Dissolved Solids		1300	10	mg/L	MCAWW 160.1
Chloride		26	3.0	mg/L	MCAWW 300.0A
Sulfate		600 Q	100	mg/L	MCAWW 300.0A
Fluoride		0.80	0.50	mg/L	MCAWW 300.0A
Nitrate		0.76	0.50	mg/L	MCAWW 300.0A
Bromide		0.21	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3		350	5.0	mg/L	MCAWW 310.1
COSTANZ-6S92W-6 08/01/06 18:00	011				
Calcium		110000 L	200	ug/L	MCAWW 200.7
Magnesium		100000	200	ug/L	MCAWW 200.7
Potassium		3700	3000	ug/L	MCAWW 200.7
Sodium		150000	5000	ug/L	MCAWW 200.7
Barium		24	1.0	ug/L	MCAWW 200.8
Chromium		3.4	3.0	ug/L	MCAWW 200.8
Selenium		9.5	5.0	ug/L	MCAWW 200.8
рН		7.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids		1200	10	mg/L	MCAWW 160.1
Chloride		160 Q	15	mg/L	MCAWW 300.0A
Sulfate		260 Q	50	mg/L	
Fluoride		0.88	0.50	mg/L	MCAWW 300.0A
11401140		0.00	0.30	шА\п	MCAWW 300.0A

D6H030225

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
COSTANZ-6S92W-6 08/01/06 18:00	011				
Nitrate		1.4	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3		480	5.0	mg/L	MCAWW 310.1
STEWART-6S93W-1 07/31/06 09:30	012				
Calcium		110000 L	200	ug/L	MCAWW 200.7
Magnesium		54000	200	ug/L	MCAWW 200.7
Potassium		3600	3000	ug/L	MCAWW 200.7
Sodium		220000	5000	ug/L	MCAWW 200.7
Barium		20	1.0	ug/L	MCAWW 200.8
Lead		1.3	1.0	ug/L	MCAWW 200.8
Manganese		460	1.0	ug/L	MCAWW 200.8
Selenium		5.8	5.0	ug/L	MCAWW 200.8
рн		7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids		1200	10	mg/L	MCAWW 160.1
Chloride		150 Q	30	mg/L	MCAWW 300.0A
Sulfate		370 Q	50	mg/L	MCAWW 300.0A
Fluoride		0.60	0.50	mg/L	MCAWW 300.0A
Nitrate		0.90	0.50	mg/L	MCAWW 300.0A
Bromide		0.26	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3		370	5.0	mg/L	MCAWW 310.1

METHODS SUMMARY

D6H030225

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	MCAWW 150.1	MCAWW 150.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Bromide	MCAWW 300.0A	MCAWW 300.0A
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Dissolved Gasses in Water	RSK SOP-175	
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	MCAWW 200.7	MCAWW 200.7
ICP-Mass Spectrometry ICP-Mass SPectrometry	MCAWW 200.8	MCAWW 200.8
Nitrate as N	MCAWW 300.0A	MCAWW 300.0A
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Volatiles by GC	SW846 8021B	SW846 5030

References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D6H030225

ANALYTICA	ΑL		ANALYST
METHOD		ANALYST	ID
3403777 4 5			
MCAWW 150	· · =	Danielle M. Fougere	006481
MCAWW 160	· · ·	Christopher Grisdale	009582
MCAWW 200	0.7	Lynn-Anne Trudell	006645
MCAWW 200).8	Thomas Lill	6929
MCAWW 300	0.0A	Ewa Kudla	001167
MCAWW 300	0.0A	Ewa Kudla	1167
MCAWW 310	0.1	Andrew M. Perlman	008060
RSK SOP-1	L75	Patrick Quirk	006795
SW846 802	21B	Adam Pavlakovich	003128
Reference	es:		
MCAWW		al Analysis of Water and Wastes",	
	EPA-600/4-79-020, Ma	arch 1983 and subsequent revisions.	
RSK Sample Prep and Calculations for Dissolved Gas Analy			
	in Water Samples Usi	ing a GC Headspace Equilibration	
	Technique, RSKSOP-17	75, REV. 0, 8/11/94, USEPA Research 1	Lab
SW846	"Test Methods for Ex	aluating Solid Waste, Physical/Chemi	ical
		cion, November 1986 and its updates.	
	•		

SAMPLE SUMMARY

D6H030225

<u>WO</u> #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JAKD5	001	GREEN-6S93W-10	07/31/06	14:15
JAKEF	002	CHR-6S92W-1	08/01/06	12:05
JAKEG	003	WININGTON-6S93W-3	07/31/06	17:10
JAKEK	004	GREEN-6S93W-10-D	07/31/06	14:15
JAKEM	005	PENN-5S92W-31	08/01/06	13:00
JAKEN	006	BAIN-6S93W-10	08/01/06	09:30
JAKEQ	007	POLLARD-6S92W-4	08/01/06	08:30
JAKER	800	BLAIR-5S92W-36	08/01/06	11:30
JAKEX	009	SUITES-5S92W-35	07/31/06	14:40
JAKE0	010	PATTON-5S92W-36	07/31/06	13:05
JAKE1	011	COSTANZ-6S92W-6	08/01/06	18:00
JAKE3	012	STEWART-6S93W-1	07/31/06	09:30
JAKE4	013	TRIP BLANK	07/31/06	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Client Sample ID: GREEN-6S93W-10

GC Volatiles

Lot-Sample #:	D6H030225-001	Work Order #:	JAKD51A3	Matrix:	WATER
Date Sampled:	07/31/06 14:15	Date Received:	08/03/06		
Prep Date:	08/07/06	Analysis Date:	08/07/06		
Prep Batch #:	6221253	Analysis Time:	12:16		
Dilution Factor:	1				
		Method:	RSK SOP-175		
			REPORTING		

LIMIT

5.0

UNITS

ug/L

RESULT

ND

PARAMETER

Methane

Client Sample ID: CHR-6S92W-1

GC Volatiles

Lot-Sample #:	D6H030225-002	Work Order #	: JAKEF1CK	Matrix:	WATER

 Date Sampled...:
 08/01/06
 12:05
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 12:21

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: WININGTON-6S93W-3

GC Volatiles

Lot-Sample #: D6H030225-003	Work Order #: JAKEG1A4	Matrix WATER
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 Date Sampled...:
 07/31/06
 17:10
 Date Received...
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...
 12:26

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: GREEN-6S93W-10-D

GC Volatiles

Lot-Sample #...: D6H030225-004 Work Order #...: JAKEK1AC Matrix...... WATER

 Date Sampled...:
 07/31/06 14:15
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 12:31

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: PENN-5S92W-31

GC Volatiles

Lot-Sample #...: D6H030225-005 Work Order #...: JAKEM1A4 Matrix..... WATER

REPORTING

 Date
 Sampled...:
 08/01/06
 13:00
 Date
 Received...:
 08/03/06

 Prep
 Date....:
 08/07/06
 Analysis
 Date...:
 08/07/06

 Prep
 Batch #...:
 6221253
 Analysis
 Time...:
 12:36

Dilution Factor: 1

Method.....: RSK SOP-175

Client Sample ID: BAIN-6S93W-10

GC Volatiles

Lot-Sample #...: D6H030225-006 Work Order #...: JAKEN1A4 Matrix...... WATER

 Date Sampled...:
 08/01/06
 09:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 12:46

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: POLLARD-6S92W-4

GC Volatiles

Lot-Sample #...: D6H030225-007 Work Order #...: JAKEQ1A4 Matrix...... WATER

 Date Sampled...:
 08/01/06
 08:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 12:51

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: BLAIR-5S92W-36

GC Volatiles

Lot-Sample #...: D6H030225-008 Work Order #...: JAKER1A4 Matrix..... WATER

 Date Sampled...:
 08/01/06
 11:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 12:56

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: SUITES-5S92W-35

GC Volatiles

Lot-Sample #: D6H030225-009	Work Order #: JAKEX1A4	Matrix WATER
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 Date Sampled...:
 07/31/06
 14:40
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 13:01

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: PATTON-5S92W-36

GC Volatiles

Lot-Sample #...: D6H030225-010 Work Order #...: JAKE01A4 Matrix...... WATER

 Date Sampled...:
 07/31/06
 13:05
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 13:06

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: COSTANZ-6S92W-6

GC Volatiles

Lot-Sample #...: D6H030225-011 Work Order #...: JAKE11A4 Matrix..... WATER

 Date Sampled...:
 08/01/06
 18:00
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 13:11

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: STEWART-6S93W-1

GC Volatiles

Lot-Sample #...: D6H030225-012 Work Order #...: JAKE31A4 Matrix...... WATER

 Date Sampled...:
 07/31/06 09:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time...:
 13:15

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

PARAMETERRESULTLIMITUNITSMethaneND5.0ug/L

Client Sample ID: GREEN-6S93W-10

GC Volatiles

Lot-Sample #...: D6H030225-001 Work Order #...: JAKD51AM Matrix...... WATER

 Date Sampled...:
 07/31/06 14:15
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 14:00

Dilution Factor: 1

		REPORTIN	G
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	<u>5)</u>

Client Sample ID: CHR-6S92W-1

GC Volatiles

Lot-Sample #:	D6H030225-002	Work Order #:	JAKEF1AR	Matrix:	WATER
Date Campled .	00/01/06 12.05	Doto Docodena	00/00/06		

 Date Sampled...:
 08/01/06
 12:05
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 15:47

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	93	(85 - 115)	•

Client Sample ID: WININGTON-6S93W-3

GC Volatiles

Lot-Sample #: D6H030225-003	Work Order #: JAKEG1AR	Matrix WATER
-----------------------------	------------------------	--------------

 Date Sampled...:
 07/31/06
 17:10
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Time...:
 16:22

 Prep Batch #...:
 6220510
 Analysis Time...:
 16:22

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115	<u>)</u>

Client Sample ID: GREEN-6S93W-10-D

GC Volatiles

Lot-Sample #...: D6H030225-004 Work Order #...: JAKEK1AA Matrix...... WATER

 Date Sampled...:
 07/31/06 14:15
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 17:33

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115)	

Client Sample ID: PENN-5S92W-31

GC Volatiles

Lot-Sample #: D6H03	0225-005 Work Orde	r #: JAKEM1AR	Matrix	WATER
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 Date Sampled...:
 08/01/06
 13:00
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 18:09

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115)	

Client Sample ID: BAIN-6S93W-10

GC Volatiles

Lot-Sample #: D6H030225-006	Work Order #: JAKEN1AR	Matrix WATER
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 Date Sampled...:
 08/01/06
 09:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 18:44

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
[Oluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
(ylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115)	-

Client Sample ID: POLLARD-6S92W-4

GC Volatiles

Lot-Sample #...: D6H030225-007 Work Order #...: JAKEQ1AR Matrix..... WATER

 Date Sampled...:
 08/01/06 08:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 19:19

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)	

Client Sample ID: BLAIR-5S92W-36

GC Volatiles

Lot-Sample #: D6H030225-008	Work Order #: JAKER1AR	Matrix WATER
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 Date Sampled...:
 08/01/06
 11:30
 Date Received...:
 08/03/06

 Prep Date....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 19:56

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Kylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	93	(85 - 115)	_

Client Sample ID: SUITES-5S92W-35

GC Volatiles

Lot-Sample #...: D6H030225-009 Work Order #...: JAKEX1AR Matrix..... WATER

 Date Sampled...:
 07/31/06 14:40
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 20:31

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)	ı

Client Sample ID: PATTON-5S92W-36

GC Volatiles

Lot-Sample #...: D6H030225-010 Work Order #...: JAKE01AR Matrix...... WATER

 Date Sampled...:
 07/31/06 13:05
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 21:07

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115)	1

Client Sample ID: COSTANZ-6S92W-6

GC Volatiles

Lot-Sample #...: D6H030225-011 Work Order #...: JAKE11AR Matrix.....: WATER

 Date Sampled...:
 08/01/06
 18:00
 Date Received...
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...
 21:43

Dilution Factor: 1

		REPORTING	t T
PARAMETER	RESULT	<u>LIMIT</u>	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115	5)

Client Sample ID: STEWART-6S93W-1

GC Volatiles

Lot-Sample #: D6H030225-012	Work Order #: JAKE31AR	Matrix WATER
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 Date Sampled...:
 07/31/06
 09:30
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Time...:
 22:19

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)	

Client Sample ID: TRIP BLANK

GC Volatiles

Lot-Sample #: D6H030225-013	Work Order #: JAKE41AA	Matrix WATER
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 Date Sampled...:
 07/31/06
 Date Received..:
 08/03/06

 Prep Date....:
 08/07/06
 Analysis Date..:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time..:
 22:55

 Dilution Factor:
 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)	

Client Sample ID: GREEN-6S93W-10

TOTAL Metals

Lot-Sample #...: D6H030225-001 Matrix....: WATER

Date Sampled...: 07/31/06 14:15 Date Received..: 08/03/06

PARAMETER	RESULT	REPORTIN	IG UNITS	METHOI)	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch # Calcium	.: 6216015 280000 L	200 Dilution Fac	ug/L		200.7 Time: 12:04	08/04-08/07/06	JAKD51AW
Iron	ND	100 Dilution Fac	ug/L	MCAWW	200.7 Time: 12:04	08/04-08/07/06	JAKD51AX
Magnesium	180000	200 Dilution Fac	ug/L tor: 1		200.7 Time: 12:04	08/04-08/07/06	JAKD51A0
Potassium	15000	3000 Dilution Fac	ug/L tor: 1		200.7 Time: 12:04	08/04-08/07/06	JAKD51A1
Sodium	1600000	5000 Dilution Fac	ug/L tor: 1		200.7 Time: 12:04	08/04-08/07/06	JAKD51A2
Prep Batch # Arsenic	.: 6216234 29	5.0 Dilution Fac	ug/L tor: 1		200.8 Time: 21:47	08/07-08/10/06	JAKD51AN
Barium	8.0	1.0 Dilution Fac	ug/L tor: 1		200.8 Time: 21:47	08/07-08/10/06	JAKD51AP
Cadmium	ND	1.0 Dilution Fac	ug/L tor: 1		200.8 Time: 21:47	08/07-08/10/06	JAKD51AQ
Chromium	ND	3.0 Dilution Fac	ug/L tor: 1	MCAWW Analysis	200.8 Time: 21:47	08/07-08/10/06	JAKD51AR
Lead	1.7	1.0 Dilution Fac	ug/L tor: 1		200.8 Time: 21:47	08/07-08/10/06	JAKD51AT
Manganese	130	1.0 Dilution Fac	ug/L tor: 1		200.8 Time: 21:47	08/07-08/10/06	JAKD51AU
Selenium	810	5.0 Dilution Fac	ug/L tor: 1		200.8 Time: 21:47	08/07-08/10/06	JAKD51AV
NOTE(S):							

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: CHR-6S92W-1

TOTAL Metals

Lot-Sample #...: D6H030225-002 Matrix....: WATER

Date Sampled...: 08/01/06 12:05 Date Received..: 08/03/06

		REPORTIN	īG		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #_
Prep Batch #.	• 6216015					
Calcium	50000 L	200	ug/L	MCAWW 200.7	08/04-08/07/06	JAKEF1A2
		Dilution Fac		Analysis Time: 12:10		
T	3777	100	/			
Iron	ND	100 Dilution Fac	ug/L	MCAWW 200.7 Analysis Time: 12:10	08/04-08/07/06	JAKEFIA3
		Directon rec	cor. I	Andrysts lime 12.10		
Magnesium	16000	200	ug/L	MCAWW 200.7	08/04-08/07/06	JAKEF1AA
		Dilution Fac	tor: 1	Analysis Time: 12:10	1	
Potassium	ND	3000	ug/L	MCAWW 200.7	08/04-08/07/06	TAKEF1AC
		Dilution Fac	_	Analysis Time: 12:10	, ,	
			_			
Sodium	210000	5000	ug/L	MCAWW 200.7	08/04-08/07/06	JAKEF1AD
		Dilution Fac	tor: 1	Analysis Time: 12:10		
Prep Batch #.	: 6216234					
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/07-08/10/06	JAKEF1AT
		Dilution Fac	tor: 1	Analysis Time: 21:5	•	
Barium	29	1.0	ug/L	MCAWW 200.8	08/07-08/10/06	JAKEF1AU
		Dilution Fac	tor: 1	Analysis Time: 21:53		
Cadmium	ND	1.0	11~ /T	MCAVIII 200 0	08/07-08/10/06	77 77 77 77 77 77 77 77 77 77 77 77 77
Cadiiidiii	ND	Dilution Fac	ug/L tor: 1	MCAWW 200.8 Analysis Time: 21:53		JAKEFIAV
				indijoro rimo Zr.o.	•	
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/07-08/10/06	JAKEF1AW
		Dilution Fac	tor: 1	Analysis Time: 21:53	•	
Lead	ND	1.0	ug/L	MCAWW 200.8	08/07-08/10/06	.ΤΔΚΕΕ1ΔΧ
	1.5	Dilution Fac	- ·	Analysis Time: 21:5		OFFICE TEM
				-		
Manganese	62	1.0	ug/L	MCAWW 200.8	08/07-08/10/06	JAKEF1A0
		Dilution Fac	tor: 1	Analysis Time: 21:51		
Selenium	ND	5.0	ug/L	MCAWW 200.8	08/07-08/10/06	JAKEF1A1
		Dilution Fac	_	Analysis Time: 21:53		
NOTE(S):						-

 $L \quad Serial \ dilution \ of \ a \ digestate \ in \ the \ analytical \ batch \ indicates \ that \ physical \ and \ chemical \ interferences \ are \ present.$

Client Sample ID: WININGTON-6S93W-3

TOTAL Metals

Matrix....: WATER

Lot-Sample #...: D6H030225-003

Date Sampled...: 07/31/06 17:10 Date Received..: 08/03/06

REPORTING WORK PREPARATION-PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6216015 Calcium 130000 L 200 uq/L MCAWW 200.7 08/04-08/07/06 JAKEG1A2 Dilution Factor: 1 Analysis Time..: 12:16 Iron ND 100 uq/L MCAWW 200.7 08/04-08/07/06 JAKEG1A3 Dilution Factor: 1 Analysis Time..: 12:16 Magnesium 74000 200 uq/L MCAWW 200.7 08/04-08/07/06 JAKEGLAA Dilution Factor: 1 Analysis Time..: 12:16 Potassium ND 3000 08/04-08/07/06 JAKEG1AC uq/L MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 12:16 Sodium 39000 5000 uq/L MCAWW 200.7 08/04-08/07/06 JAKEG1AD Dilution Factor: 1 Analysis Time..: 12:16 Prep Batch #...: 6216234 Arsenic MD 5.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEG1AT Dilution Factor: 1 Analysis Time..: 22:02 Barium 9.8 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEG1AU Dilution Factor: 1 Analysis Time..: 22:02 Cadmium ND 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEG1AV Dilution Factor: 1 Analysis Time..: 22:02 Chromium MD 3.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEG1AW Dilution Factor: 1 Analysis Time..: 22:02 Lead 1.1 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEG1AX Dilution Factor: 1 Analysis Time..: 22:02 Manganese 1.8 1.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEG1A0 Dilution Factor: 1 Analysis Time..: 22:02 Selenium 5.0 08/07-08/10/06 JAKEG1A1 5.0 ug/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 22:02 NOTE(S):

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: PENN-5S92W-31

TOTAL Metals

Lot-Sample #...: D6H030225-005 Matrix....: WATER

Date Sampled...: 08/01/06 13:00 Date Received..: 08/03/06

_						
~~~~~		REPORTING			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT UN	IITS METHOI	<u> </u>	ANALYSIS DATE	ORDER #
Prep Batch #	.: 6216015					
Calcium	150000 Ь	200 ug	/L MCAWW	200.7	08/04-08/07/06	JAKEM1A2
		Dilution Factor:	1 Analysis	Time: 12:39		
Iron	ND	100 ug	[/L MCAWW	200 7	08/04-08/07/06	.T2\KEM12\2
		Dilution Factor:		Time: 12:39	00,01 00,01,00	
<b>36</b>	55000					
Magnesium	67000		//L MCAWW		08/04-08/07/06	JAKEM1AA
		Dilution Factor:	1 Analysis	Time: 12:39		
Potassium	4000	3000 ug	r/L MCAWW	200.7	08/04-08/07/06	JAKEM1AC
		Dilution Factor:	1 Analysis	Time: 12:39		
Sodium	71000	5000 ug	r/L MCAWW	200.7	08/04-08/07/06	TAKEM1AD
		Dilution Factor:		Time: 12:39	00/01 00/07/00	OPHCHI 1271D
			•			
Described II	501.500.					
Prep Batch # Arsenic	ND	5.0 ug	r/L MCAWW	200 0	00/07 00/10/06	T
ALBOILLO	ND	Dilution Factor:		Z00.8 Time: 22:05	08/07-08/10/06	UAKEMIAI
		Dilucion Factor.	1 Analysis	11me 22:05		
Barium	17	1.0 ug	/L MCAWW	200.8	08/07-08/10/06	JAKEM1AU
		Dilution Factor:	1 Analysis	Time: 22:05		
Cadmium	ND	1.0 ug	r/L MCAWW	200 8	08/07-08/10/06	.T2\KFW12\\
		Dilution Factor:	•	Time: 22:05	00,07 00,10,00	O711CEP1221V
			<b>,</b>			
Chromium	ND	3.0 ug	r/L MCAWW	200.8	08/07-08/10/06	JAKEM1AW
		Dilution Factor:	1 Analysis	Time: 22:05		
Lead	1.1	1.0 uq	r/L MCAWW	200.8	08/07-08/10/06	.TAKEM1AX
		Dilution Factor:		Time: 22:05	00,000000	
Manganese	ND	1.0 ug	/L MCAWW	200.8	08/07-08/10/06	JAKEM1A0
		Dilution Factor:	1 Analysis	Time: 22:05		
Selenium	ND	5.0 ug	r/L MCAWW	200.8	08/07-08/10/06	TAKEM1 A1
		Dilution Factor:		Time: 22:05	00,0,00,10,00	· Oliveritelt
NOTE(S):						

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

# Client Sample ID: BAIN-6S93W-10

# TOTAL Metals

Lot-Sample #...: D6H030225-006 Matrix....: WATER

Date Sampled...: 08/01/06 09:30 Date Received..: 08/03/06

	D D GTIT M	REPORTING			_	PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Prep Batch #	.: 6216015						
Calcium	150000 Ь	200	ug/L	MCAWW	200.7	08/04-08/07/06	JAKEN1A2
		Dilution Facto	or: 1	Analysis	Time: 12:45		
T	370		/-				
Iron	ND	100	ug/L		200.7	08/04-08/07/06	JAKEN1A3
		Dilution Facto	or: 1	Analysis	Time: 12:45		
Magnesium	100000	200	ug/L	MCAWW	200.7	08/04-08/07/06	JAKEN1AA
_		Dilution Facto		Analysis	Time: 12:45	,,,,	
Data	0000		-				
Potassium	8900	3000	ug/L		200.7	08/04-08/07/06	JAKEN1AC
		Dilution Facto	or: 1	Analysis	Time: 12:45		
Sodium	220000	5000	ug/L	MCAWW	200.7	08/04-08/07/06	JAKEN1AD
		Dilution Facto			Time: 12:45	20, 22 00, 01, 00	
				-			
Prep Batch # Arsenic			/_				
Arsenic	ND	5.0	ug/L		200.8	08/07-08/10/06	JAKEN1AT
		Dilution Facto	or: 1	Analysis	Time: 22:16		
Barium	9.7	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKKN1AU
		Dilution Facto	<del>-</del> '	Analysis	Time: 22:16	•	
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEN1AV
		Dilution Facto	or: 1	Analysis	Time: 22:16		
Chromium	ND	3.0	uq/L	MCAWW	200.8	08/07-08/10/06	.ΤΔ ΚΕΝΊ ΔΙΛ
		Dilution Facto	٥.		Time: 22:16	00/07 00/10/00	OAKENIAW
				4		,	
Lead	3.1	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEN1AX
		Dilution Facto	or: 1	Analysis	Time: 22:16		
Manganese	4.1	1.0	21 or /T	MC'A tilla	200.8	00/07 00/10/06	T3 77 13 14 13 0
nanganese	*•T	Dilution Facto	_		200.8 Time: 22:16	08/07-08/10/06	JAKENTAU
		22202011 10000	•	THICLYSIS	11mc 22.10		
Selenium	36	5.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEN1A1
		Dilution Facto	or: 1		Time: 22:16	- •	
Norm (a)							
NOTE(S):							

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

### Client Sample ID: POLLARD-6S92W-4

#### TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H030225-007

Date Sampled...: 08/01/06 08:30 Date Received..: 08/03/06

REPORTING PREPARATION-WORK RESULT LIMIT PARAMETER UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6216015 Calcium 140000 L 200 uq/L MCAWW 200.7 08/04-08/07/06 JAKEO1A2 Dilution Factor: 1 Analysis Time..: 12:51 Iron ND 100 uq/L MCAWW 200.7 08/04-08/07/06 JAKEQ1A3 Dilution Factor: 1 Analysis Time..: 12:51 Magnesium 84000 200 MCAWW 200.7 08/04-08/07/06 JAKEQ1AA uq/L Dilution Factor: 1 Analysis Time..: 12:51 Potassium 4800 3000 uq/L MCAWW 200.7 08/04-08/07/06 JAKEQ1AC Dilution Factor: 1 Analysis Time..: 12:51 Sodium 110000 5000 uq/L MCAWW 200.7 08/04-08/07/06 JAKEQ1AD Dilution Factor: 1 Analysis Time..: 12:51 Prep Batch #...: 6216234 Arsenic ND 5.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEQ1AT Dilution Factor: 1 Analysis Time..: 22:20 Barium 14 1.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEQ1AU Dilution Factor: 1 Analysis Time..: 22:20 Cadmium ND 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEQ1AV Dilution Factor: 1 Analysis Time..: 22:20 Chromium ND3.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEO1AW Dilution Factor: 1 Analysis Time..: 22:20 Lead 1.6 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEQ1AX Dilution Factor: 1 Analysis Time..: 22:20 Manganese 1.1 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKEQ1A0 Dilution Factor: 1 Analysis Time..: 22:20 Selenium 5.8 5.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEO1A1 Dilution Factor: 1 Analysis Time..: 22:20

NOTE(S):

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

# Client Sample ID: BLAIR-5S92W-36

#### TOTAL Metals

Lot-Sample #...: D6H030225-008 Matrix....: WATER

Date Sampled...: 08/01/06 11:30 Date Received..: 08/03/06

PARAMETER	RESULT	REPORTING LIMIT	G <u>UNITS</u>	METHO	D	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #	: 6216015						
Calcium	30000 Ъ	200	ug/L	MCAWW	200.7	08/04-08/07/06	JAKER1A2
		Dilution Fact	or: 1	Analysis	Time: 12:56		
Iron	ND	100	ug/L	MC2 ATM	200.7	08/04-08/07/06	.TX 12 12 12 12 12 12 12 12 12 12 12 12 12
		Dilution Fact	-		Time: 12:56	08/04-08/07/00	UAKEKIAS
				•			
Magnesium	1000	200	ug/L	_	200.7	08/04-08/07/06	JAKER1AA
		Dilution Fact	tor: 1	Analysis	Time: 12:56		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/04-08/07/06	JAKER1AC
		Dilution Fact	_	Analysis	Time: 12:56	, , ,	
G = 31			4-				
Sodium	400000	5000 Dilution Fact	ug/L		200.7	08/04-08/07/06	JAKER1AD
		Dilution Fact	or: 1	Analysis	Time: 12:56		
Prep Batch #							
Arsenic	ND	5.0	ug/L		200.8	08/07-08/10/06	JAKER1AT
		Dilution Fact	or: 1	Analysis	Time: 22:23		
Barium	12	1.0	uq/L	MCAWW	200.8	08/07-08/10/06	JAKER1AU
		Dilution Fact	or: 1	Analysis	Time: 22:23		
Go 3mil	3.77	<b></b>	/-				
Cadmium	ND	1.0 Dilution Fact	ug/L		200.8 Time: 22:23	08/07-08/10/06	JAKERIAV
		DITUCION FACE	.01: 1	Anarysis	11me: 22:23		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKER1AW
		Dilution Fact	or: 1	Analysis	Time: 22:23		
Lead	ND	1.0	110 /T	እ <i>ፈር</i> ታን ጌጥታ	200 0	08/07-08/10/06	אין
Leau	ND	Dilution Fact	ug/L		200.8 Time: 22:23	08/07-08/10/06	UAKERIAA
			.02. 2	imidiybib	11.11.0 22.23		
Manganese	6.7	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKER1A0
		Dilution Fact	or: 1	Analysis	Time: 22:23		•
Selenium	16	5.0	uq/L	MCNWW	200.8	08/07-08/10/06	.TXT77701711
THE STREET STREET	20	Dilution Fact	٥.		Time: 22:23	00,07-00,10,00	CHERTAL
				<b>2</b>			

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

NOTE(S):

# Client Sample ID: SUITES-5S92W-35

# TOTAL Metals

Lot-Sample #...: D6H030225-009 Matrix....: WATER

Date Sampled...: 07/31/06 14:40 Date Received..: 08/03/06

PARAMETER         RESULT         LIMIT         UNITS         METHOD         ANALYSIS DATE         ORDER #           Prep Batch #: 6216015         68000 L         200 ug/L         MCAWW 200.7         08/04-08/07/06 JAKEX1A2           Calcium         ND         100 ug/L         MCAWW 200.7         08/04-08/07/06 JAKEX1A3           Dilution Factor: 1         Analysis Time: 13:02         08/04-08/07/06 JAKEX1A3           Magnesium         59000         200 ug/L         MCAWW 200.7         08/04-08/07/06 JAKEX1A3           Dilution Factor: 1         Analysis Time: 13:02         08/04-08/07/06 JAKEX1A3			REPORTING	ł			PREPARATION-	WORK
Calcium 68000 L 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A2  Dilution Factor: 1 Analysis Time: 13:02  Tron ND 100 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A3  Dilution Factor: 1 Analysis Time: 13:02  Magnesium 59000 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1AA  Dilution Factor: 1 Analysis Time: 13:02	PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Calcium 68000 L 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A2  Dilution Factor: 1 Analysis Time: 13:02  Tron ND 100 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A3  Dilution Factor: 1 Analysis Time: 13:02  Magnesium 59000 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1AA  Dilution Factor: 1 Analysis Time: 13:02	Prep Batch #	• 6216015						
Dilution Factor: 1 Analysis Time: 13:02  Iron ND 100 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A3 Dilution Factor: 1 Analysis Time: 13:02  Magnesium 59000 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1AA Dilution Factor: 1 Analysis Time: 13:02	•	<del>-</del>	200	ng/L	MCAUU	200 7	00/04 00/07/06	TARREYANA
Iron ND 100 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A3 Dilution Factor: 1 Analysis Time: 13:02  Magnesium 59000 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1A2 Dilution Factor: 1 Analysis Time: 13:02				J,			08/04-08/07/06	JAKKKIAZ
Dilution Factor: 1 Analysis Time: 13:02  Magnesium 59000 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1AZ  Dilution Factor: 1 Analysis Time: 13:02					MIGLYSIS	11Me: 15:02		
Magnesium 59000 200 ug/L MCAWW 200.7 08/04-08/07/06 JAKEX1AA Dilution Factor: 1 Analysis Time: 13:02	Iron	ND	100	ug/L	MCAWW	200.7	08/04-08/07/06	JAKEX1A3
Dilution Factor: 1 Analysis Time: 13:02			Dilution Facto	or: 1	Analysis	Time: 13:02		
Dilution Factor: 1 Analysis Time: 13:02	Magnesium	59000	200	/T	MCC TO TOWN	000 8	00/01 00/07/07	
Parks and	1 MgHCD1Mii			<b>J</b> .			08/04-08/07/06	JAKEXLAA
Potaggium 4500 2000 /r		•	DITUCTOR FACE	or: 1	Analysis	Time: 13:02		
Potassium $4500$ 3000 ug/L MCAWW 200.7 $08/04-08/07/06$ JAKEX1AC	Potassium	4500	3000	ug/L	MCAWW	200.7	08/04-08/07/06	JAKEX1AC
Dilution Factor: 1 Analysis Time: 13:02		;	Dilution Facto	or: 1	Analysis	Time: 13:02		
Sodium 46000 5000 107/I. MCANIN 200 7 00/04 00/07/06 TATERY 200	Codium	46000		-				
10000 ug/11 McANN 200.7 08/04-08/07/06 JAKKXIAD	POOLUM			J.			08/04-08/07/06	JAKEX1AD
Dilution Factor: 1 Analysis Time: 13:02		]	Dilution Facto	or: 1	Analysis	Time: 13:02		
Prep Batch #: 6216234	Prep Batch #	: 6216234						
Arsenic ND 5.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEX1AT	Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEX1AT
Dilution Factor: 1 Analysis Time: 22:27		3	Dilution Facto	or: 1	Analysis	Time: 22:27		
Barium 16 1.0 ug/I. MCAWW 200 9 09/07 09/10/06 TAYGY1AU	Rarium	16	1.0	/T	1602147			
1.0 ug/II PACAM 200.0 08/07-08/10/06 JAKKXIAO	DOLLON			<b>J</b> .			08/07-08/10/06	JAKEX1AU
Dilution Factor: 1 Analysis Time: 22:27			Dilucion Facto	or: T	Analysis	Time: 22:27		
Cadmium ND 1.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEX1AV	Cadmium	ND	1.0	uq/L	MCAWW	200.8	08/07-08/10/06	.ΤΔΚΕΧ1Δ\
Dilution Factor: 1 Analysis Time: 22:27		J	Dilution Facto	or: 1			00,000	OTHER TITLE
					-			
Chromium ND 3.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEX1AW	Chromium	ND	3.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEX1AW
Dilution Factor: 1 Analysis Time: 22:27		1	Dilution Facto	r: 1	Analysis	Time: 22:27		
Lead ND 1.0 ug/L MCAWW 200.8 08/07-08/10/06 TAKEY1AX	Lead	ND	1 0	ug/L	MC 70 tattat	200 0	00/05 00/50/06	
1.0 dg/L FICAWW 200.8 08/07-08/10/06 JAKEXIAX				٥.			08/07-08/10/06	JAKEXIAX
Dilution Factor: 1 Analysis Time: 22:27		•	Directon Faceo	·	MIGLYSIS	11me: 22:27		
Manganese ND 1.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEX1A0	Manganese	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEX1A0
Dilution Factor: 1 Analysis Time: 22:27		I	Dilution Facto	r: 1	Analysis	Time: 22:27	,,,,	
					-			
Selenium ND 5.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKEX1A1	Selenium	ND	5.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKEX1A1
Dilution Factor: 1 Analysis Time: 22:27		I	Dilution Facto	r: 1	Analysis	Time: 22:27		
NOTE(S):	NOTE(S):							

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

#### Client Sample ID: PATTON-5S92W-36

#### TOTAL Metals

Matrix....: WATER

Lot-Sample #...: D6H030225-010

Date Sampled...: 07/31/06 13:05 Date Received..: 08/03/06

REPORTING PREPARATION-WORK RESULT PARAMETER LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6216015 Calcium 150000 L 08/04-08/07/06 JAKE01A2 200 uq/L MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 13:08 Iron ND 100 uq/L MCAWW 200.7 08/04-08/07/06 JAKE01A3 Dilution Factor: 1 Analysis Time..: 13:08 Magnesium 66000 200 uq/L MCAWW 200.7 08/04-08/07/06 JAKE01AA Dilution Factor: 1 Analysis Time..: 13:08 Potassium 3700 3000 uq/L MCAWW 200.7 08/04-08/07/06 JAKE01AC Dilution Factor: 1 Analysis Time..: 13:08 Sodium 200000 5000 uq/L MCAWW 200.7 08/04-08/07/06 JAKE01AD Dilution Factor: 1 Analysis Time..: 13:08 Prep Batch #...: 6216234 Arsenic ND 5.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKE01AT Dilution Factor: 1 Analysis Time..: 22:31 Barium 8.5 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKE01AU Dilution Factor: 1 Analysis Time..: 22:31 Cadmium ND 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKE01AV Dilution Factor: 1 Analysis Time..: 22:31 Chromium ND3.0 ua/L MCAWW 200.8 08/07-08/10/06 JAKE01AW Dilution Factor: 1 Analysis Time..: 22:31 Lead 1.4 1.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKE01AX Dilution Factor: 1 Analysis Time..: 22:31 Manganese ND 1.0 ug/L MCAWW 200.8 08/07-08/10/06 JAKE01A0 Dilution Factor: 1 Analysis Time..: 22:31 Selenium 16 5.0 uq/L MCAWW 200.8 08/07-08/10/06 JAKE01A1 Dilution Factor: 1 Analysis Time..: 22:31

NOTE(S):

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

# Client Sample ID: COSTANZ-6S92W-6

### TOTAL Metals

Lot-Sample #...: D6H030225-011

Date Sampled...: 08/01/06 18:00 Date Received..: 08/03/06

Matrix....: WATER

~	, ,			,			
		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #							
Calcium	110000 Ь	200	ug/L		200.7	08/04-08/07/06	JAKE11A2
		Dilution Facto	or: 1	Analysis	Time: 13:31		
Iron	ND	100	ug/L	MCAWW	200.7	08/04-08/07/06	JAKE11A3
		Dilution Facto	or: 1	Analysis	Time: 13:31		
Magnogium	100000	200	/~	***********			
Magnesium	100000	200	ug/L		200.7	08/04-08/07/06	JAKE11AA
		Dilution Facto	or: 1	Analysis	Time: 13:31		
Potassium	3700	3000	ug/L	MCAWW	200.7	08/04-08/07/06	JAKE11AC
	ī	Dilution Facto	r: 1	Analysis	Time: 13:31		
0 di	150000		-				
Sodium	150000	5000	ug/L		200.7	08/04-08/07/06	JAKE11AD
		Dilution Facto	or: 1	Analysis	Time: 13:31		
Prep Batch #	: 6216234						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE11AT
		Dilution Facto	or: 1	Analysis	Time: 22:34		
Barium	24	1.0		36073 13157	200 0	00/07 00/70/06	T1 T004 4 5 T
Darram	24	Dilution Facto	ug/L		200.8	08/07-08/10/06	JAKELIAU
		DITUCTOR FACEC	л: т	Anarysis	Time: 22:34		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE11AV
		Dilution Facto	or: 1	Analysis	Time: 22:34		
ole a series de la companya della companya della companya de la companya della co							
Chromium	3.4	3.0	ug/L		200.8	08/07-08/10/06	JAKE11AW
		Dilution Facto	or: 1	Analysis	Time: 22:34		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	TAKE11AX
		Dilution Facto			Time: 22:34	00,0,00	011111111111
				_			
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE11A0
		Dilution Facto	or: 1	Analysis	Time: 22:34		
Selenium	9.5	5.0	ug/L	MANDA	200 0	00/07 00/10/06	T3 7734 4 3 4
was will		Dilution Facto	<del>-</del>		200.8 Time: 22:34	08/07-08/10/06	OWERTTAT
			·	wighter	11mc 22:34		
NOTE(S):							

NOTE(S):

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

# Client Sample ID: STEWART-6S93W-1

### TOTAL Metals

Lot-Sample #...: D6H030225-012 Matrix....: WATER

Date Sampled...: 07/31/06 09:30 Date Received..: 08/03/06

PARAMETER	RESULT	REPORTII	NG UNITS	METHOI	D	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #	: 6216015						
Calcium	110000 Ь	200	ug/L	MCAWW	200.7	08/04-08/07/06	JAKE31A2
		Dilution Fac	ctor: 1	Analysis	Time: 13:37		
Iron	ND	100	ug/L	MCAWW	200.7	08/04-08/07/06	.TAKE31A3
		Dilution Fac	٥.		Time: 13:37	00,02 00,0.,00	
Macmadium	54000	200	/T	NAC 12 T. J. T	200 7	00/04 00/07/06	T37770133
Magnesium	54000	200 Dilution Fac	ug/L ctor: 1		200.7 Time: 13:37	08/04-08/07/06	JAKESTAA
_			_	-			
Potassium	3600	3000	ug/L		200.7	08/04-08/07/06	JAKE31AC
		Dilution Fac	ctor: 1	Analysis	Time: 13:37		
Sodium	220000	5000	ug/L	MCAWW	200.7	08/04-08/07/06	JAKE31AD
		Dilution Fac		Analysis	Time: 13:37		
Prep Batch #	: 6216234						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE31AT
		Dilution Fac	ctor: 1	Analysis	Time: 22:38		
Barium	20	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE31AU
		Dilution Fac	ctor: 1	Analysis	Time: 22:38		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE31AV
		Dilution Fac	٠.		Time: 22:38	00,0. 00,20,00	0111110 1111
Chromium	ND	3.0	ug/L		200.8	08/07-08/10/06	JAKE31AW
		Dilution Fa	ctor: 1	Analysis	Time: 22:38		
Lead	1.3	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE31AX
		Dilution Fa	ctor: 1	Analysis	Time: 22:38		
Manganese	460	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAKE31A0
~	•	Dilution Fa	٠.		Time: 22:38		
Selenium	E 0	F 0	/T	14/13 T.T.	200 0	00/07 00/10/06	TX 177112 1 7 7
PETENTIN	5.8	5.0 Dilution Fa	ug/L		200.8	08/07-08/10/06	JAKESLAL
		DITUCION Fa	CCOT: T	Analysis	Time: 22:38		

 $L \quad Serial \ dilution \ of \ a \ digestate \ in \ the \ analytical \ batch \ indicates \ that \ physical \ and \ chemical \ interferences \ are \ present.$ 

NOTE(S):

# Client Sample ID: GREEN-6S93W-10

### General Chemistry

Lot-Sample #...: D6H030225-001 Work Order #...: JAKD5 Matrix.....: WATER

Date Sampled...: 07/31/06 14:15 Date Received..: 08/03/06

	D 7 G 1 1 1 1	77.7			_	PREPARATION-	PREP
PARAMETER pH	RESULT	RL 0.10	No Units	METHOI		ANALYSIS DATE	BATCH #
рн	7.4			MCAWW		08/04/06	6216543
		Dilution Fac	tor: 1	Analysis	Time: 17:03		
Bicarbonate, as CaCO	370	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Fac	tor: 1	Analysis	Time: 09:45		
Bromide	3.4 G	1.0	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Fac	tor: 5	Analysis	Time: 14:14		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/14/06	6227142
		Dilution Fac	tor: 1	Analysis	Time: 09:45		
Chloride	790 Q	60	mg/L	MCAWW	300.0A	08/03-08/04/06	6219556
		Dilution Fac	tor: 20	Analysis	Time: 06:59		
Fluoride	ND G	2.5	mg/L	MCAWW	300.0A	08/03/06	6219557
		Dilution Fac	tor: 5	Analysis	Time: 14:14		
Nitrate	ND G	2.5	mg/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Fac	tor: 5	Analysis	Time: 14:14		
Nitrite	ND G	2.5	mg/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Fac	tor: 5	Analysis	Time: 14:14		
Sulfate	2500 Q	500	mg/L	MCAWW	300.0A	08/04/06	6221474
		Dilution Fac	tor: 100	Analysis	Time: 18:13		
Total Dissolved Solids	6300 Q	20	mg/L	MCAWW	160.1	08/04/06	6216551
		Dilution Fac	tor: 2	Analysis	Time: 15:30		
MOTE (C).							

### NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

 $[\]ensuremath{\mathsf{Q}}$   $\ensuremath{\mathsf{Elevated}}$  reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: CHR-6S92W-1

# General Chemistry

Lot-Sample #...: D6H030225-002 Work Order #...: JAKEF Matrix..... WATER

Date Sampled...: 08/01/06 12:05 Date Received..: 08/03/06

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHO	)	ANALYSIS DATE	BATCH #
pН	7.7	0.10	No Units	MCAWW	150.1	08/04/06	6216543
		Dilution Facto	r: 1	Analysis	Time: 17:05		
Bicarbonate, as CaCO	420	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
3	-		37 —	110211111	32012	00, 11, 00	0227110
		Dilution Facto	r: 1	Analysis	Time: 09:45		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Facto	r: 1	Analysis	Time: 14:29		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/14/06	6227142
		Dilution Facto	r: 1	Analysis	Time: 09:45		
Chloride	19	3.0	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Facto	•		Time: 14:29	08/03/00	0219330
				_			
Fluoride	1.7	0.50	mg/L		300.0A	08/03/06	6219557
		Dilution Facto	r: 1	Analysis	Time: 14:29		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Facto	r: 1	Analysis	Time: 14:29		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Facto	~		Time: 14:29	00,00,00	0213333
Sulfate	150 Q	25	mg/L		300.0A	08/03-08/04/06	6219560
		Dilution Facto	r: 5	Analysis	Time: 07:30		
Total Dissolved Solids	720	10	mg/L	MCAWW	160.1	08/04/06	6216552
		Dilution Facto	r: 1	Analysis	Time: 18:30		
(-)				_			
NOTE(S):							

NOTE(S):

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: WININGTON-6S93W-3

# General Chemistry

Lot-Sample #...: D6H030225-003 Work Order #...: JAKEG Matrix....: WATER

Date Sampled...: 07/31/06 17:10 Date Received..: 08/03/06

PARAMETER	RESULT	DI	INITEG	MEMITO	_	PREPARATION-	PREP
PARAMETER	KESOLI	RL	UNITS	METHO1		ANALYSIS DATE	BATCH #
рН	7.3	0.10	No Units	MCAWW	150.1	08/04/06	6216543
		Dilution Facto	or: 1	Analysis	Time: 17:08		
Bicarbonate, as CaCO	350	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Facto	or: 1	Analysis	Time: 09:45		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Facto	-	Analysis	Time: 15:17	. ,	
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/14/06	6227142
		Dilution Facto		Analysis	Time: 09:45		
Chloride	8.2	3.0	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Facto		Analysis	Time: 15:17		
Fluoride	ND	0.50	mq/L	MCAWW	300.0A	08/03/06	6219557
		Dilution Facto	or: 1	Analysis	Time: 15:17	. ,	
Nitrate	ND	0.50	mq/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Facto	٠.	Analysis	Time: 15:17	,,	
Nitrite	ND	0.50	mq/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Facto	٥.		Time: 15:17	,,	0222005
Sulfate	340 O	50	mq/L	MCAWW	300.0A	08/03-08/04/06	6219560
	~	Dilution Facto	٠.		Time: 08:18	20,00 00,02,00	0223000
Total Dissolved Solids	940	10	mg/L	MCAWW	160.1	08/04/06	6216551
		Dilution Facto	or: 1	Analysis	Time: 15:30		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: PENN-5S92W-31

# General Chemistry

Lot-Sample #...: D6H030225-005 Work Order #...: JAKEM Matrix.....: WATER

Date Sampled...: 08/01/06 13:00 Date Received..: 08/03/06

PARAMETER	RESULT	RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.3	0.10 Dilution Facto	No Units		<b>150.1</b> Time: 17:10	08/04/06	6216543
Bicarbonate, as CaCO	390	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Facto	or: 1	Analysis	Time: 09:45		
Bromide	ND	0.20 Dilution Facto	mg/L or: 1		300.0A Time: 15:33	08/03/06	6219561
Carbonate, as CaCO3	ND	5.0 Dilution Factor	mg/L or: 1		310.1 Time: 09:45	08/14/06	6227142
Chloride	12	3.0 Dilution Facto	mg/L or: 1		<b>300.0A</b> Time: 15:33	08/03/06	6219556
Fluoride	0.62	0.50 Dilution Facto	mg/L		<b>300.0A</b> Time: 15:33	08/03/06	6219557
Nitrate	0.63	0.50 Dilution Facto	<b>mg/L</b> or: 1		<b>300.0A</b> Time: 15:33	08/03/06	6219558
Nitrite	ND	0.50	mg/L or: 1		300.0A Time: 15:33	08/03/06	6219559
Sulfate	3 <b>40</b> Q	50 Dilution Facto	<b>mg/L</b> or: 10		<b>300.0A</b> Time: 08:33	08/03-08/04/06	6219560
Total Dissolved Solids	940	10	mg/L	MCAWW	160.1	08/04/06	6216552
		Dilution Facto	r: 1	Analysis	Time: 18:30		
NOTE(S):							

# NOTE (S): RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: BAIN-6S93W-10

### General Chemistry

Lot-Sample #...: D6H030225-006 Work Order #...: JAKEN Matrix.....: WATER Date Sampled...: 08/01/06 09:30 Date Received..: 08/03/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL_	UNITS	METHOI	D	ANALYSIS DATE	BATCH #
pН	7.3	0.10	No Units	NACON TABLE	150 1	00/04/05	CO1 CE 12
р <del>и</del>	1.3	Dilution Fact			150.1	08/04/06	6216543
		Dilution Fact	or: 1	Analysis	Time: 17:12		
Bicarbonate, as CaCO	410	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Fact	or: 1	Analysis	Time: 09:45		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Fact	•	Analysis	Time: 15:48	,,	
Carbonate, as CaCO3	ND	5.0	mq/L	MC2 MW	310.1	08/14/06	6227142
carbonace, ab cacos	IID	Dilution Fact	•		Time: 09:45	06/14/06	022/142
		DITUCTOR PACE	01. 1	MIGLYSIS	11me 09:45		
Chloride	17	3.0	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Fact	or: 1	Analysis	Time: 15:48		
Fluoride	ND	0.50	mg/L	MCAWW	300.0A	08/03/06	6219557
	,	Dilution Fact	-	Analysis	Time: 15:48	•	
_							
Nitrate	1.6	0.50	mg/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Fact	or: 1	Analysis	Time: 15:48		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Fact	or: 1	Analysis	Time: 15:48		
Sulfate	200.0	50					
Surrace	380 Q	50	mg/L		300.0A	08/03-08/04/06	6219560
		Dilution Fact	or: 10	Analysis	Time: 08:49		
Total Dissolved Solids	1600	10	mg/L	MCAWW	160.1	08/04/06	6216552
		Dilution Fact	or: 1	Analysis	Time: 18:30		
NOTE(S):							

RI. Reporting Lim

 $[\]ensuremath{\mathsf{Q}}$   $\ensuremath{\mathsf{Elevated}}$  reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: POLLARD-6S92W-4

### General Chemistry

Lot-Sample #...: D6H030225-007 Work Order #...: JAKEQ Matrix.....: WATER

Date Sampled...: 08/01/06 08:30 Date Received..: 08/03/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	<u> </u>	ANALYSIS DATE	BATCH #
рН	7.2	0.10	No Units	MCAWW	150.1	08/04/06	6216543
		Dilution Facto	or: 1	Analysis	Time: 17:15		
Bicarbonate, as CaCO	350	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
3		Dilution Facto	or: 1	Analysis	Time: 09:45		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Facto	or: 1	Analysis	Time: 17:39		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/14/06	6227142
		Dilution Facto	or: 1	Analysis	Time: 09:45		
Chloride	10	3.0	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Facto	or: 1	Analysis	Time: 17:39		
Fluoride	0.56	0.50	mg/L	MCAWW	300.0A	08/03/06	6219557
		Dilution Facto		Analysis	Time: 17:39		
Without a			<i>t-</i>				
Nitrate	0.69	0.50 Dilution Facto	mg/L		300.0A Time: 17:39	08/03/06	6219558
		DITUCTOR FACE	or: I	Anarysis	Time: 17:39		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Facto	or: 1	Analysis	Time: 17:39		
Sulfate	520 Q	100	mg/L	MCAWW	300.0A	08/03-08/04/06	6219560
		Dilution Facto	or: 20	Analysis	Time: 09:05		
Total Dissolved Solids	1200	10	mg/L	MCAWW	160.1	08/04/06	6216552
		Dilution Facto	or: 1	Analysis	Time: 18:30		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: BLAIR-5S92W-36

# General Chemistry

Lot-Sample #...: D6H030225-008 Work Order #...: JAKER Matrix..... WATER

Date Sampled...: 08/01/06 11:30 Date Received..: 08/03/06

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHO:	<u>D</u>	ANALYSIS DATE	BATCH #
pH	8.0	0.10	No Units	MCAWW	150.1	08/04/06	6216543
		Dilution Facto	or: 1	Analysis	Time: 17:19		
Bicarbonate, as CaCC	340	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
3							
		Dilution Facto	or: 1	Analysis	Time: 09:45		
Bromide	0.28	0.20	mg/L	MCAW	300.0A	08/03/06	6219561
	0.20	Dilution Facto			Time: 16:52	00/03/00	0219301
		DITUCION FACE	<i>7</i> . 1	MIGLYSIS	11me 10:52		
Carbonate, as CaCO3	17	5.0	mg/L	MCAWW	310.1	08/14/06	6227142
		Dilution Facto	-	Analysis	Time: 09:45		
				-			
Chloride	170 Q	30	mg/L	MCAWW	300.0A	08/03-08/04/06	6219556
		Dilution Facto	or: 10	Analysis	Time: 09:21		
Fluoride	1.4	0.50	mg/L	MCAWW	300.0A	08/03/06	6219557
		Dilution Facto	or: 1	Analysis	Time: 16:52		
Nitrate	0.00	0.50	/_		200 07	22/22/25	
NICIALE	0.89	0.50	mg/L		300.0A	08/03/06	6219558
		Dilution Facto	or: 1	Analysis	Time: 16:52		
Nitrite	ND	0.50	mq/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Facto	٥,		Time: 16:52	00/03/00	0219339
				111017010	111110 10.02		
Sulfate	300 Q	50	mq/L	MCAWW	300.0A	08/03-08/04/06	6219560
		Dilution Facto	or: 10	Analysis	Time: 09:21		•
				_			
Total Dissolved	1200	10	mg/L	MCAWW	160.1	08/04/06	6216552
Solids							
		Dilution Facto	or: 1	Analysis	Time: 18:30		
womm (a)							
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: SUITES-5S92W-35

# General Chemistry

Lot-Sample #...: D6H030225-009 Work Order #...: JAKEX Matrix....: WATER Date Sampled...: 07/31/06 14:40 Date Received..: 08/03/06

PARAMETER	RESULT	RL	UNITS	METHOL	)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.6	0.10	No Units	MCAWW	150.1	08/04/06	6216543
		Dilution Facto	or: 1	Analysis	Time: 17:25		
Bicarbonate, as CaCO	310	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Facto	or: 1	Analysis	Time: 09:45		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Facto	or: 1	Analysis	Time: 17:07		
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L	MCAWW		08/14/06	6227142
		Dilucion Facco	or: T	Analysis	Time: 09:45		
Chloride	8.6	3.0	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Facto	or: 1	Analysis	Time: 17:07		
Fluoride	0.54	0.50	mg/L	MCAWW	300.0A	08/03/06	6219557
		Dilution Facto	r: 1	Analysis	Time: 17:07		
Nitrate	0.58	0.50	mg/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Facto	r: 1	Analysis	Time: 17:07		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/03/06	6219559
		Dilution Facto	r: 1	Analysis	Time: 17:07		
Sulfate	170 Q	25	mg/L	MCAWW	300.0A	08/03-08/04/06	6219560
		Dilution Facto	r: 5	Analysis	Time: 10:08		
Total Dissolved Solids	610	10	mg/L	MCAWW	160.1	08/04/06	6216551
		Dilution Facto	r: 1	Analysis	Time: 15:30		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: PATTON-5S92W-36

# General Chemistry

Lot-Sample #...: D6H030225-010 Work Order #...: JAKE0 Matrix.....: WATER

Date Sampled...: 07/31/06 13:05 Date Received..: 08/03/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	)	ANALYSIS DATE	BATCH #
рн	7.2	0.10	No Units	MCAWW		08/04/06	6216543
		Dilution Facto	r: 1	Analysis	Time: 17:28		
Bicarbonate, as CaCO	350	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Factor: 1		Analysis	Time: 09:45		
Bromide	0.21	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Facto	_	Analysis	Time: 17:23		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310 1	08/14/06	6227142
carbonace, ab cacos	TVD	Dilution Facto	<del>-</del> '		Time: 09:45	00/14/00	022/142
		Directon Facto		marysrs	11MC 05.45		
Chloride	26	3.0	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Facto	r: 1	Analysis	Time: 17:23		
			_				
Fluoride	0.80	0.50	mg/L		300.0A	08/03/06	6219557
		Dilution Facto	r: 1	Analysis	Time: 17:23		
Nitrate	0.76	0.50	mg/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Facto	or: 1	Analysis	Time: 17:23		
marks			<i>1-</i>				
Nitrite	ND	0.50	mg/L		300.0A	08/03/06	6219559
		Dilution Facto	r: 1	Analysis	Time: 17:23		
Sulfate	600 Q	100	mg/L	MCAWW	300.0A	08/03-08/04/06	6219560
		Dilution Facto	or: 20	Analysis	Time: 10:24		
						/ /	
Total Dissolved Solids	1300	10	mg/L	MCAWW	160.1	08/04/06	6216551
bollus		Dilution Facto	r: 1	Analysis	Time: 15:30		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: COSTANZ-6S92W-6

# General Chemistry

Lot-Sample #...: D6H030225-011 Work Order #...: JAKE1 Matrix.....: WATER

Date Sampled...: 08/01/06 18:00 Date Received..: 08/03/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	D	ANALYSIS DATE	BATCH #
nII	7.4	0.10	No Units	BACTO YOU'S	150.1	00/04/06	C21 CE 42
рн	7.4				Time: 17:37	08/04/06	6216543
		Dilution Factor: 1 Analys			11me: 1/:3/		
Bicarbonate, as CaCO	480	5.0	mg/L	MCAWW	310.1	08/14/06	6227140
		Dilution Factor: 1		Analysis Time: 09:45			
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/03/06	6219561
		Dilution Facto	or: 1	Analysis	Time: 16:36		
Carbonate, as CaCO3	ND	5.0	mg/L	MC7 MW	310.1	08/14/06	6227142
carbonace, as caees	ND	Dilution Facto	-		Time: 09:45	08/14/08	022/142
		Direction reco	. <u>.</u>	ницургь	11me 05.45		
Chloride	160 Q	15	mg/L	MCAWW	300.0A	08/03/06	6219556
		Dilution Facto	or: 5	Analysis	Time: 20:01		
Fluoride	• • •	0.50	1				
Fluoride	0.88	0.50	mg/L		300.0A	08/03/06	6219557
		Dilution Facto	or: 1	Analysis	Time: 16:36		
Nitrate	1.4	0.50	mg/L	MCAWW	300.0A	08/03/06	6219558
		Dilution Facto	or: 1	Analysis	Time: 16:36		
77.2 4 2 4			<i>1</i>				
Nitrite	ND	0.50	mg/L		300.0A	08/03/06	6219559
		Dilution Facto	or: 1	Analysis	Time: 16:36		
Sulfate	260 Q	50	mg/L	MCAWW	300.0A	08/03/06	6219560
		Dilution Facto	or: 10	Analysis	Time: 20:17		
			_				
Total Dissolved Solids	1200	10	mg/L	MCAWW	160.1	08/04/06	6216552
SOLIGS		Direction B. C.	_				
		Dilution Facto	or: I	Analysis	Time: 18:30		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: STEWART-6S93W-1

# General Chemistry

Lot-Sample #...: D6H030225-012 Work Order #...: JAKE3 Matrix.....: WATER

Date Sampled...: 07/31/06 09:30 Date Received..: 08/03/06

PARAMETER	RESULT	RL_	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.5	0.10 Dilution Factor	No Units	MCAWW 150.1 Analysis Time: 17:38	08/04/06	6216543
Bicarbonate, as CaCO	370	5.0	mg/L	MCAWW 310.1	08/14/06	6227140
		Dilution Factor: 1		Analysis Time: 09:45		
Bromide	0.26	0.20	mg/L	MCAWW 300.0A	08/03/06	6219561
		Dilution Facto	or: 1	Analysis Time: 17:55		
Carbonate, as CaCO3	ND	5.0 Dilution Factor	mg/L or: 1	MCAWW 310.1 Analysis Time: 09:45	08/14/06	6227142
Chloride	150 Q	30 Dilution Factor	<b>mg/L</b> or: 10	MCAWW 300.0A Analysis Time: 10:40	08/03-08/04/06	6219556
Fluoride	0.60	0.50	mg/L or: 1	MCAWW 300.0A Analysis Time: 17:55	08/03/06	6219557
Nitrate	0.90	0.50 Dilution Factor	mg/L or: 1	MCAWW 300.0A Analysis Time: 17:55	08/03/06	6219558
Nitrite	ND	0.50	mg/L pr: 1	MCAWW 300.0A Analysis Time: 17:55	08/03/06	6219559
Sulfate	370 Q	50 Dilution Factor	<b>mg/L</b> or: 10	MCAWW 300.0A Analysis Time: 10:40	08/03-08/04/06	6219560
Total Dissolved Solids	1200	10	mg/L	MCAWW 160.1	08/04/06	6216551
		Dilution Facto	or: 1	Analysis Time: 15:30		
NOTE(S):						

# RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

## D6H030225

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
	F. 7.3 (77.77)	NG3-11-1-0-1			
001	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216551	6219363
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	6000061
	WATER	MCAWW 300.0A		6219556	6220261
	WATER WATER	MCAWW 300.0A		6221474	6222094
		MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
002	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216552	6219364
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
003	WATER	MCAWW 150.1		6216543	6220366
003	WATER	MCAWW 160.1		6216551	6219363
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	0210009
	WATER	MCAWW 310.1			6220261
	WATER	MCAWW 300.0A		6219556 6219560	6220266
	WATER	MCAWW 300.0A		6219557	
	WATER	MCAWW 300.0A			6220259
	WATER	MCAWW 300.0A		6219558	6220265
				6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER WATER	MCAWW 310.1 SW846 8021B		6227140	600000
	WAIDK	PM040 ONTIR		6220510	6220335

#### D6H030225

Sample Preparation and Analysis Control Numbers

SAMPLE#	<u>MATRIX</u>	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
003	WATER	RSK SOP-175		6221253	
004	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
005	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216552	6219364
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
006	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216552	6219364
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
007	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216552	6219364
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265

## D6H030225

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
007	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
800	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216552	6219364
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	VV-V
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	022000
009	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216551	6219363
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
010	147X (TUEST)	MCD WINT 150 1		6016543	6000065
010	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216551	6219363
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266

## D6H030225

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
010	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
011	WATER	MCAWW 150.1		6216543	6220366
	WATER	MCAWW 160.1		6216552	6219364
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220266
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A		6219559	6220262
	WATER	MCAWW 200.8		6216234	6216139
	WATER	MCAWW 310.1		6227140	
	WATER	SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
012	WATER	MCAWW 150.1		6216543	6220366
012	WATER	MCAWW 160.1		6216551	6219363
	WATER	MCAWW 200.7		6216015	6216009
	WATER	MCAWW 310.1		6227142	0210009
	WATER	MCAWW 300.0A		6219556	6220261
	WATER	MCAWW 300.0A		6219560	6220261
	WATER	MCAWW 300.0A		6219557	6220259
	WATER	MCAWW 300.0A		6219558	6220265
	WATER	MCAWW 300.0A		6219561	6220264
	WATER	MCAWW 300.0A			
	WATER			6219559	6220262
	WATER	MCAWW 200.8 MCAWW 310.1		6216234	6216139
	WATER			6227140	C00000
		SW846 8021B		6220510	6220335
	WATER	RSK SOP-175		6221253	
013	WATER	SW846 8021B		6220510	6220335

#### METHOD BLANK REPORT

#### GC Volatiles

Client Lot #...: D6H030225

Work Order #...: JAXWQ1AA

Matrix..... WATER

MB Lot-Sample #: D6H090000-253

Prep Date....: 08/07/06

Analysis Date..: 08/07/06

Prep Batch #...: 6221253

Analysis Time..: 09:44

Dilution Factor: 1

REPORTING

PARAMETER

RESULT

LIMIT UNITS METHOD

Methane

ND

5.0

ug/L

RSK SOP-175

NOTE(S):

#### LABORATORY CONTROL SAMPLE EVALUATION REPORT

#### GC Volatiles

Client Lot #...: D6H030225 Work Order #...: JAXWQ1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H090000-253 JAXWQ1AD-LCSD

 Prep Date....:
 08/07/06
 Analysis Date..:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time..:
 09:34

Dilution Factor: 1

	PERCENT	RECOVERY	RPD	
PARAMETER	RECOVERY	LIMITS RPD	LIMITS	METHOD
Methane	98	(69 - 125)		RSK SOP-175
	108	(69 - 125) 10	(0-20)	RSK SOP-175
Ethane	100	(60 - 135)		RSK SOP-175
	110	(60 - 135) 9.9	(0-20)	RSK SOP-175
Ethene	103	(64 - 134)		RSK SOP-175
	112	(64 - 134) 8.6	(0-20)	RSK SOP-175
Acetylene	107	(60 - 120)		RSK SOP-175
	108	(60 - 120) 1.4	(0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

#### LABORATORY CONTROL SAMPLE DATA REPORT

#### GC Volatiles

Client Lot #...: D6H030225 Work Order #...: JAXWQ1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H090000-253 JAXWQ1AD-LCSD

 Prep Date.....:
 08/07/06
 Analysis Date..:
 08/07/06

 Prep Batch #...:
 6221253
 Analysis Time..:
 09:34

Dilution Factor: 1

	SPIKE	MEASURED	)	PERCENT		
PARAMETER	AMOUNT	TRUOMA	UNITS	RECOVERY	RPD	METHOD
Methane	73.0	71.4	ug/L	98		RSK SOP-175
	73.0	79.0	ug/L	108	10	RSK SOP-175
Ethane	137	137	ug/L	100		RSK SOP-175
	137	151	ug/L	110	9.9	RSK SOP-175
Ethene	127	130	ug/L	103		RSK SOP-175
	127	142	ug/L	112	8.6	RSK SOP-175
Acetylene	118	126	ug/L	107		RSK SOP-175
	118	128	ug/L	108	1.4	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

#### METHOD BLANK REPORT

#### GC Volatiles

Client Lot #...: D6H030225

Work Order #...: JAWRE1AA

Matrix..... WATER

MB Lot-Sample #: D6H080000-510

Prep Date....: 08/07/06

Analysis Time..: 11:00

Analysis Date..: 08/07/06

Prep Batch #...: 6220510

Dilution Factor: 1

REPORTING

		1001 0101 11			
PARAMETER	RESULT	LIMIT	UNITS	METHOD	
Benzene	ND	0.50	ug/L	SW846 8021B	
Ethylbenzene	ND	0.50	ug/L	SW846 8021B	
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B	
Toluene	ND	0.50	ug/L	SW846 8021B	
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B	
o-Xylene	ND	0.50	ug/L	SW846 8021B	
Xylenes (total)	ND	0.50	ug/L	SW846 8021B	
	PERCENT	RECOVERY	Z.		
SURROGATE	RECOVERY	LIMITS			
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	15)		

#### NOTE(S):

#### LABORATORY CONTROL SAMPLE EVALUATION REPORT

#### GC Volatiles

Client Lot #...: D6H030225 Work Order #...: JAWRE1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H080000-510 JAWRE1AD-LCSD

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 12:13

Dilution Factor: 1

	PERCENT	RECOVERY RPD			
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	101	(75 - 117)			SW846 8021B
	96	(75 - 117)	5.0	(0-45)	SW846 8021B
Ethylbenzene	100	(79 - 115)			SW846 8021B
	96	(79 - 115)	4.5	(0-46)	SW846 8021B
Chlorobenzene	96	(81 - 115)			SW846 8021B
	91	(81 - 115)	4.9	(0~35)	SW846 8021B
Toluene	99	(77 - 115)			SW846 8021B
	94	(77 - 115)	5.6	(0-45)	SW846 8021B
Xylenes (total)	99	(79 - 116)			SW846 8021B
	95	(79 - 116)	4.4	(0-46)	SW846 8021B
1,3-Dichlorobenzene	96	(80 - 115)			SW846 8021B
	94	(80 - 115)	2.5	(0-35)	SW846 8021B
1,4-Dichlorobenzene	97	(79 - 115)			SW846 8021B
	95	(79 - 115)	2.7	(0-35)	SW846 8021B
1,2-Dichlorobenzene	93	(80 - 115)			SW846 8021B
	91	(80 - 115)	1.5	(0-35)	SW846 8021B
		PERCENT	RECOV	ERY	
SURROGATE		RECOVERY	LIMIT	'S	
a,a,a-Trifluorotoluene (TFT)		95	(85 -	115)	
		94	(85 ~	115)	

#### NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

#### LABORATORY CONTROL SAMPLE DATA REPORT

## GC Volatiles

Client Lot #...: D6H030225 Work Order #...: JAWRE1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H080000-510 JAWRE1AD-LCSD

 Prep Date....:
 08/07/06
 Analysis Date..:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time..:
 12:13

Dilution Factor: 1

	SPIKE	MEASURED	)	PERCENT		
PARAMETER	TUUOMA	TRUOMA	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	20.2	ug/L	101		SW846 8021B
	20.0	19.2	ug/L	96	5.0	SW846 8021B
Ethylbenzene	20.0	20.1	ug/L	100		SW846 8021B
	20.0	19.2	ug/L	96	4.5	SW846 8021B
Chlorobenzene	20.0	19.2	ug/L	96		SW846 8021B
	20.0	18.3	ug/L	91	4.9	SW846 8021B
Toluene	20.0	19.9	ug/L	99		SW846 8021B
	20.0	18.8	ug/L	94	5.6	SW846 8021B
Xylenes (total)	60.0	59.7	ug/L	99		SW846 8021B
	60.0	57.1	ug/L	95	4.4	SW846 8021B
1,3-Dichlorobenzene	20.0	19.2	ug/L	96		SW846 8021B
	20.0	18.7	ug/L	94	2.5	SW846 8021B
1,4-Dichlorobenzene	20.0	19.5	ug/L	97		SW846 8021B
	20.0	19.0	ug/L	95	2.7	SW846 8021B
1,2-Dichlorobenzene	20.0	18.5	ug/L	93		SW846 8021B
	20.0	18.3	ug/L	91	1.5	SW846 8021B
			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS		
a,a,a-Trifluorotoluene			95	(85 - 115	<del>-</del>	
(TFT)			90	(00 - 110	1	
			94	(85 - 115	)	

#### NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

#### MATRIX SPIKE SAMPLE EVALUATION REPORT

## **GC Volatiles**

Client Lot #...: D6H030225 Work Order #...: JAKD51A4-MS Matrix..... WATER

 Date Sampled...:
 07/31/06
 14:15
 Date Received...:
 08/03/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/07/06

 Prep Batch #...:
 6220510
 Analysis Time...:
 14:36

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	103	(75 - 117)			SW846 8021B
	93	(75 - 117)	10	(0-45)	SW846 8021B
Ethylbenzene	102	(79 - 115)			SW846 8021B
	94	(79 - 115)	8.5	(0-46)	SW846 8021B
Chlorobenzene	97	(81 - 115)			SW846 8021B
	90	(81 - 115)	7.7	(0-35)	SW846 8021B
Toluene	100	(77 - 115)			SW846 8021B
	92	(77 - 115)	8.9	(0-45)	SW846 8021B
Xylenes (total)	101	(79 - 116)			SW846 8021B
	93	(79 - 116)	8.2	(0-46)	SW846 8021B
1,3-Dichlorobenzene	98	(80 - 115)			SW846 8021B
	92	(80 - 115)	6.1	(0-35)	SW846 8021B
1,4-Dichlorobenzene	98	(79 - 115)			SW846 8021B
	92	(79 - 115)	6.4	(0-35)	SW846 8021B
1,2-Dichlorobenzene	96	(80 - 115)			SW846 8021B
	90	(80 - 115)	5.9	(0-35)	SW846 8021B
		PERCENT		RECOVERY	
SURROGATE		RECOVERY		LIMITS	
a,a,a-Trifluorotoluene (TFT)	-	96		(85 - 115	)
		94		(85 - 115	)

#### NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

# MATRIX SPIKE SAMPLE DATA REPORT

#### GC Volatiles

Client Lot #...: D6H030225 Work Order #...: JAKD51A4-MS Matrix....: WATER

MS Lot-Sample #: D6H030225-001 JAKD51A5-MSD

Date Sampled...: 07/31/06 14:15 Date Received..: 08/03/06

**Prep Date....:** 08/07/06 Analysis Date..: 08/07/06 Prep Batch #...: 6220510 Analysis Time..: 14:36

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT			
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHO	D
Benzene	ND	20.0	20.6	ug/L	103		SW846	8021B
	ND	20.0	18.6	ug/L	93	10	SW846	8021B
Ethylbenzene	ND	20.0	20.4	ug/L	102		SW846	8021B
	ND	20.0	18.8	ug/L	94	8.5	SW846	8021B
Chlorobenzene	ND	20.0	19.5	ug/L	97		SW846	8021B
	ND	20.0	18.0	ug/L	90	7.7	SW846	8021B
Toluene	ND	20.0	20.0	ug/L	100		SW846	8021B
	ND	20.0	18.3	ug/L	92	8.9	SW846	8021B
Xylenes (total)	ND	60.0	60.6	ug/L	101		SW846	8021B
	ND	60.0	55.9	ug/L	93	8.2	SW846	8021B
1,3-Dichlorobenzene	ND	20.0	19.7	ug/L	98		SW846	8021B
	ND	20.0	18.5	ug/L	92	6.1	SW846	8021B
1,4-Dichlorobenzene	ND	20.0	19.7	ug/L	98		SW846	8021B
	ND	20.0	18.4	ug/L	92	6.4	SW846	8021B
1,2-Dichlorobenzene	ND	20.0	19.1	ug/L	96		SW846	8021B
	ND	20.0	18.1	ug/L	90	5.9	SW846	8021B
		PI	ERCENT		RECOVERY			
SURROGATE			ECOVERY		LIMITS			
a,a,a-Trifluorotoluene (TFT)	<del></del>	96			(85 - 115)	•		
		94	1		(85 - 115)			

#### NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

#### METHOD BLANK REPORT

## TOTAL Metals

Client Lot #: D6H030225	Matrix WATER
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		REPORTING	<b>.</b>			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOI	)	ANALYSIS DATE	ORDER #
MB Lot-Sample #	: D6H040000-	015 Prep Ba					
Calcium	ND	200	ug/L	MCAWW	200.7	08/04-08/07/06	JAL461AE
		Dilution Facto	or: 1				
		Analysis Time	: 11:23				
Iron	ND	100	ug/L	MCAWW	200.7	08/04-08/07/06	JAL461AF
		Dilution Facto	or: 1				
		Analysis Time	: 11:23				
Magnesium	ND	200	ug/L	MCAWW	200.7	08/04-08/07/06	JAL461AH
		Dilution Facto	or: 1				
		Analysis Time	: 11:23			•	
Potassium	ND	3000	ug/L	MCAWW	200.7	08/04-08/07/06	JAL461AG
		Dilution Facto	or: 1				
		Analysis Time	: 11:23				
Sodium	ND	5000	ug/L	MCAWW	200.7	08/04-08/07/06	JAL461AK
		Dilution Facto	or: 1				
		Analysis Time	: 11:23				
MB Lot-Sample #	: D6H040000-	234 Prep Ba	tch #: 6	216234			
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAMPF1AA
		Dilution Facto	or: 1				
		Analysis Time	: 21:40				
Barium	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAMPF1AC
		Dilution Facto	<del>-</del> '				
		Analysis Time	: 21:40				
Cadmium	ND	1 0	/T	MC D F.TF.T	000	00/07 00/10/06	77.MD = 4.7.D
Caulituiii	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAMPETAD
		Dilution Facto					
		Analysis Time	: 21:40				
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAMPF1AE
		Dilution Facto	or: 1				
		Analysis Time	: 21:40				
Lead	ND	1.0	ug/L	MCAWW	200.8	08/07-08/10/06	JAMPF1AF
		Dilution Facto	or: 1				
		Analysis Time	: 21:40				

## METHOD BLANK REPORT

## TOTAL Metals

Client Lot #...: D6H030225

Matrix..... WATER

PARAMETER	RESULT	REPORTIN	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Manganese	ND	1.0 Dilution Fac Analysis Tim		MCAWW 200.8	08/07-08/10/06	JAMPF1AG
Selenium	ND	5.0 Dilution Fac Analysis Tim		MCAWW 200.8	08/07-08/10/06	JAMPF1AH
NOTE(S):						

# LABORATORY CONTROL SAMPLE EVALUATION REPORT

## TOTAL Metals

Client Lot #:	D6H030225			Matrix	: WATER
PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: Calcium		(90 - 111)	tch #: 6216015 MCAWW 200.7 Dr: 1 Analysis	08/04-08/07/06	JAL461AQ
Iron	105		MCAWW 200.7 or: 1 Analysis		JAL461AR
Magnesium	106		MCAWW 200.7 or: 1 Analysis		JAL461AU
Potassium	105		MCAWW 200.7 or: 1 Analysis		JAL461AT
Sodium	106		MCAWW 200.7 or: 1 Analysis		JAL461AW
LCS Lot-Sample#: Arsenic		(89 - 111)	tch #: 6216234 MCAWW 200.8 or: 1 Analysis	08/07-08/10/06	JAMPF1AJ
Barium	102		MCAWW 200.8 or: 1 Analysis		JAMPF1AK
Cadmium	100		MCAWW 200.8 or: 1 Analysis		JAMPF1AL
Chromium	107		MCAWW 200.8 or: 1 Analysis		JAMPF1AM
Lead	99		MCAWW 200.8 pr: 1 Analysis		JAMPF1AN
Manganese	104	(87 - 124) Dilution Facto	MCAWW 200.8 or: 1 Analysis	08/07-08/10/06 Time: 21:44	JAMPF1AP
Selenium	103	(82 - 114) Dilution Facto		08/07-08/10/06 Time: 21:44	JAMPF1AQ
MONTE (a)					

NOTE(S):

## LABORATORY CONTROL SAMPLE DATA REPORT

#### TOTAL Metals

Client Lot #	: D6H	1030225			:	Matrix:	WATER
PARAMETER		MEASURI AMOUNT	ED UNITS			PREPARATION- ANALYSIS DATE	
LCS Lot-Samp	ole#: D6H	1040000-	015 <b>Prep Bat</b>	ch #	<b>:</b> 6216015		
Calcium					MCAWW 200.7	08/04-08/07/06	JAL461AQ
					Analysis Time: 1		
Iron	1000	1050	110 /T.	105	MCAWW 200.7	08/04-08/07/06	.TAT.461AD
	2000	1000	Dilution Factor		Analysis Time: 1		OVIIIOTVI
			1				
Magnesium	50000	52800	ug/L Dilution Factor		MCAWW 200.7		JAL461AU
			Dilution Factor	: т	Analysis Time: 1	1:29	
Potassium	50000	52600	ug/L	105	MCAWW 200.7	08/04-08/07/06	JAL461AT
			Dilution Factor	: 1	Analysis Time: 1	1:29	
Sodium	50000	E2000	11 <i>a</i> /T	106	MCAWW 200.7	00/04 00/07/06	TD T 4 C 1 D U
Боатан	30000	32800			Analysis Time: 1		JAL46IAW
			234 Prep Bat				
Arsenic	40.0	40.7	ug/L		MCAWW 200.8		JAMPF1AJ
			Dilution Factor	: 1	Analysis Time: 2	1:44	
Barium	40.0	40.8	ug/L	102	MCAWW 200.8	08/07-08/10/06	JAMPF1AK
			Dilution Factor		Analysis Time: 2		
Cadmium	40.0	40.0	ug/L	100	MCAWW 200.8	00/07 00/10/06	TAMDETAT
Cadillan	40.0	40.0	Dilution Factor		Analysis Time: 2		OAMPETAL
					indigital lime 2		
Chromium	40.0	42.7	ug/L	107	MCAWW 200.8	08/07-08/10/06	JAMPF1AM
			Dilution Factor	: 1	Analysis Time: 2	1:44	
Lead	40.0	39.5	ug/L	99	MCAWW 200.8	08/07-08/10/06	TAMPF1 AN
			Dilution Factor		Analysis Time: 2		Orani i iran
Manganese	40.0	41.4	ug/L	104	MCAWW 200.8	08/07-08/10/06	JAMPF1AP
			Dilution Factor	: 1	Analysis Time: 2	1:44	
Selenium	40.0	41.2	ug/L	103	MCAWW 200.8	08/07-08/10/06	JAMPF1AO
			Dilution Factor		Analysis Time: 2		x
MOME (C)							

NOTE(S):

#### MATRIX SPIKE SAMPLE EVALUATION REPORT

#### TOTAL Metals

Client Lot # Date Sampled		0225 ./06 10:00 <b>Date Received.</b>	.: 07/31/06	Matrix: WATER
PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Sampl	.e #: D6G31	.0176-001 Prep Batch #	.: 6216015	
Calcium	107 106	(90 - 111) (90 - 111) 1.3 (0-20) Dilution Factor: 1 Analysis Time: 11:52	MCAWW 200.7	08/04-08/07/06 JAC2L1C0 08/04-08/07/06 JAC2L1C1
Iron	107 111	(89 - 116) (89 - 116) 2.8 (0-20) Dilution Factor: 1 Analysis Time: 11:52	MCAWW 200.7 MCAWW 200.7	08/04-08/07/06 JAC2L1C2 08/04-08/07/06 JAC2L1C3
Magnesium	104 104	(92 - 113) (92 - 113) 0.57 (0-20) Dilution Factor: 1 Analysis Time: 11:52	MCAWW 200.7 MCAWW 200.7	08/04-08/07/06 JAC2L1C6 08/04-08/07/06 JAC2L1C7
Potassium	113 111	(89 - 114) (89 - 114) 1.7 (0-20) Dilution Factor: 1 Analysis Time: 11:52	MCAWW 200.7 MCAWW 200.7	08/04-08/07/06 JAC2L1C4 08/04-08/07/06 JAC2L1C5
Sodium	NC,MSB NC,MSB	(90 - 117) (90 - 117) (0-20) Dilution Factor: 1 Analysis Time: 11:52	MCAWW 200.7 MCAWW 200.7	08/04-08/07/06 JAC2L1DA 08/04-08/07/06 JAC2L1DC

## NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

 $NC\,$  The recovery and/or RPD were not calculated.

 $MSB\ The\ recovery\ and\ RPD\ were\ not\ calculated\ because\ the\ sample\ amount\ was\ greater\ than\ four\ times\ the\ spike\ amount.$ 

## MATRIX SPIKE SAMPLE DATA REPORT

## TOTAL Metals

	Lot #: mpled:			Date Receiv	ed: 0	7/31/	06	Matri	Lx WAT	ER
		SPIKE	MEASRD		PERCNT				PREPARATION-	WORK
PARAMET	ER AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHO	D	ANALYSIS DATE	ORDER #
MS Lot- Calcium	Sample #:	D6G3101	.76-001	Prep Batch	<b>#:</b> 62	21601	5			
	1400	50000	54900	ug/L	107		MCAWW	200.7	08/04-08/07/06	JAC2L1C0
	1400	50000	54200	ug/L	106	1.3	MCAWW	200.7	08/04-08/07/06	JAC2L1C1
				tion Factor: 1						
			Anal	ysis Time: 11	.:52					
Iron										
	ND	1000	1160	ug/L	107		MCAWW	200.7	08/04-08/07/06	JAC2T-1C2
	ND	1000	1190	ug/L	111	2.8	MCAWW		08/04-08/07/06	
				tion Factor: 1						
			Anal	ysis Time: 11	.:52					
Magnesi	um									
	270	50000	52400	ug/L	104		MCAWW	200.7	08/04-08/07/06	.TAC21.1C6
	270	50000	52100	ug/L	104	0.57	MCAWW		08/04-08/07/06	
			Dilu	tion Factor: 1					,,,	
			Anal	ysis Time: 11	:52					
Potassi	um									
	ND	50000	58200	ug/L	113		MCAWW	200.7	08/04-08/07/06	.TA COT.1 C4
	ND	50000	57200	ug/L	111	1.7	MCAWW		08/04-08/07/06	
			Dilut	tion Factor: 1					00,01 00,0,,00	011022100
			Analy	ysis Time: 11	:52					
Sodium										
BOGIUM	250000	50000		ug/L			MCAWW	200.7	08/04-08/07/06	JAC2L1DA
	250000	E0000		ifiers: NC,	MSB				, , , ,	
	250000	50000	Qual Dilut	ug/L .ifiers: NC,N .ion Factor: 1 /sis Time: 11			MCAWW	200.7	08/04-08/07/06	JAC2L1DC

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

NC The recovery and/or RPD were not calculated.

#### MATRIX SPIKE SAMPLE EVALUATION REPORT

#### TOTAL Metals

Client Lot #...: D6H030225 Matrix.....: WATER

Date Sampled...: 08/01/06 12:05 Date Received..: 08/03/06

PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Sampl Arsenic	Le #: D6H03 101 102	0225-002 Prep Batch # (79 - 120) (79 - 120) 1.4 (0-30) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1A4 08/07-08/10/06 JAKEF1A5
Barium	97 96	(83 - 118) (83 - 118) 0.38 (0-30) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1A6 08/07-08/10/06 JAKEF1A7
Cadmium	97 98	(82 - 115) (82 - 115) 0.98 (0-30) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1A8 08/07-08/10/06 JAKEF1A9
Chromium	102 107	(80 - 124) (80 - 124) 4.4 (0-30) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1CA 08/07-08/10/06 JAKEF1CC
Lead	93 95	(79 - 119) (79 - 119) 2.2 (0-30) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1CD 08/07-08/10/06 JAKEF1CE
Manganese	104 108	(57 - 149) (57 - 149) 1.7 (0-35) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1CF 08/07-08/10/06 JAKEF1CG
Selenium	102 100	(64 - 134) (64 - 134) 1.8 (0-35) Dilution Factor: 1 Analysis Time: 21:54	MCAWW 200.8 MCAWW 200.8	08/07-08/10/06 JAKEF1CH 08/07-08/10/06 JAKEF1CJ

NOTE(S):

# MATRIX SPIKE SAMPLE DATA REPORT

# TOTAL Metals

Client Lot #: D6H030225	Matrix WATER
Date Sampled: 08/01/06 12:05 Date Received: 08/03/06	

	SAMPLE		MEASRD		PERCNT				PREPARATION-	WORK
PARAMETE	R AMOUNT	<u>AMT</u>	TRUOMA	UNITS	RECVRY	RPD	METHOI	<u> </u>	ANALYSIS DATE	ORDER #
MS Lot-S	ample #:	D6H0302	25-002	Prep Batch ‡	<b>‡:</b> 62	21623	4			
0 0	ND	40.0	41.1	ug/L	101		MCAWW	200.8	08/07-08/10/06	TAKEF1A4
	ND	40.0	41.7	ug/L	102	1.4	MCAWW		08/07-08/10/06	
			Dilut	ion Factor: 1					. ,	
			Analy	sis Time: 21	:54					
D =										
Barium	29	40.0	67.8	110° /T	0.77				00/07 00/10/07	
	29	40.0	67.8	ug/L ug/L	97 96	0 20	MCAWW		08/07-08/10/06	
	2,7	40.0		ion Factor: 1	96	0.38	MCAWW	200.8	08/07-08/10/06	JAKEFIAY
				rsis Time: 21	: 54					
Cadmium										
	ND	40.0	38.8	ug/L	97		MCAWW	200.8	08/07-08/10/06	JAKEF1A8
	ND	40.0	39.2	ug/L	98	0.98	MCAWW	200.8	08/07-08/10/06	JAKEF1A9
				ion Factor: 1						
			Analy	rsis Time: 21	: 54					
Chromium										
	ND	40.0	42.6	ug/L	102		MCAWW	200 8	08/07-08/10/06	.ፐአ ሄ ሮ ሮ 1 ሮ አ
	ND	40.0	44.5	ug/L	107	4.4	MCAWW		08/07-08/10/06	
			Dilut	ion Factor: 1					,,,	
			Analy	sis Time: 21	: 54					
·										
Lead	MID	40.0	25 0	/			_			
	ND ND	40.0	37.8 38.7	ug/L ug/L	93		MCAWW		08/07-08/10/06	
	1117	±0.0		ion Factor: 1	95	2.2	MCAWW	200.8	08/07-08/10/06	JAKEF1CE
				sis Time: 21	• 54					
			1							
Manganes	е									
	62	40.0	104	ug/L	104		MCAWW	200.8	08/07-08/10/06	JAKEF1CF
	62	40.0	105	ug/L	108	1.7	MCAWW	200.8	08/07-08/10/06	JAKEF1CG
				ion Factor: 1						
			Analy	sis Time: 21:	: 54					
Selenium										
	ND	40.0	45.5	ug/L	102		MCAWW	200 9	08/07-08/10/06	. דא ציטיאיז מיני
	ND	40.0	44.7	_		1.8	MCAWW		08/07-08/10/06	
				ion Factor: 1	_ • •		-1011111		00,07 00,10,00	OWKERTON
				sis Time: 21:	54					
					•					

NOTE(S):

#### METHOD BLANK REPORT

#### General Chemistry

Matrix..... WATER

Client Lot #...: D6H030225

REPORTING PREPARATION-PREP PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE BATCH # Bicarbonate, as CaCO3 Work Order #: JCC671AA MB Lot-Sample #: D6H150000-140 ND 5.0 mq/L MCAWW 310.1 08/14/06 6227140 Dilution Factor: 1 Analysis Time..: 09:45 Bromide Work Order #: JAV6W1AA MB Lot-Sample #: D6H070000-561 ND 0.20 mq/L MCAWW 300.0A 08/03/06 6219561 Dilution Factor: 1 Analysis Time..: 13:58 Carbonate, as CaCO3 Work Order #: JCC7D1AA MB Lot-Sample #: D6H150000-142 ND 5.0 mq/L MCAWW 310.1 08/14/06 6227142 Dilution Factor: 1 Analysis Time..: 09:45 Chloride Work Order #: JAV6P1AA MB Lot-Sample #: D6H070000-556 ND 3.0 mq/L MCAWW 300.0A 08/03/06 6219556 Dilution Factor: 1 Analysis Time..: 13:58 Fluoride Work Order #: JAV6M1AA MB Lot-Sample #: D6H070000-557 MCAWW 300.0A ND ma/L 08/03/06 6219557 Dilution Factor: 1 Analysis Time..: 13:58 Nitrate Work Order #: JAV601AA MB Lot-Sample #: D6H070000-558 NDMCAWW 300.0A mq/L 08/03/06 6219558 Dilution Factor: 1 Analysis Time..: 13:58 Nitrite Work Order #: JAV6T1AA MB Lot-Sample #: D6H070000-559 MD 0.50 MCAWW 300.0A 08/03/06 6219559 Dilution Factor: 1 Analysis Time..: 13:58 Sulfate Work Order #: JAV611AA MB Lot-Sample #: D6H070000-560 ND 5.0 mg/L MCAWW 300.0A 08/03/06 6219560 Dilution Factor: 1 Analysis Time..: 13:58 Sulfate Work Order #: JA1761AA MB Lot-Sample #: D6H090000-474 ND 5.0 mg/L MCAWW 300.0A 08/04/06 6221474 Dilution Factor: 1 Analysis Time..: 14:32

#### METHOD BLANK REPORT

# General Chemistry

Client Lot #...: D6H030225

PREPARATION-PREP ANALYSIS DATE BATCH #

Matrix..... WATER

Total Dissolved Solids ND10

RESULT

Work Order #: JATE81AA MB Lot-Sample #: D6H040000-551

MCAWW 160.1

MCAWW 160.1

mg/L Dilution Factor: 1

REPORTING

LIMIT UNITS

08/04/06 6216551

Analysis Time..: 15:30

Work Order #: JATFE1AA MB Lot-Sample #: D6H040000-552

METHOD

10 mg/L Dilution Factor: 1 Analysis Time..: 18:30 08/04/06 6216552

NOTE(S):

Solids

Total Dissolved

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND

# LABORATORY CONTROL SAMPLE EVALUATION REPORT

# General Chemistry

Lot-Sample #: D6H030225	Matrix WATER
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PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMIT	S METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн			AW0H1AC-LCSD LCS LC		
	100	(97 - 102)	MCAWW 150.1	08/04/06	6216543
	100	(97 - 102) 0.28 (0-5.	0) MCAWW 150.1	08/04/06	
			Analysis Time:		
Bromide		WO#:JAV6W1AC-LCS/J	AV6W1AD-LCSD LCS LC	ot-Sample#: D6H0	70000-561
	99	(90 - 110)	MCAWW 300.0A	08/03/06	6219561
	99	(90 - 110) 0.29 (0-10	) MCAWW 300.0A	08/03/06	6219561
		Dilution Factor: 1	Analysis Time:	13:26	
Clad and de					
Chloride	100		AV6P1AD-LCSD LCS LC		
	100			08/03/06 08/03/06	
	100	(90 - 110) 0.22 (0-10	,	00,00,00	6219556
		Dilution Factor: 1	Analysis Time:	13:26	
Fluoride		WOH. TATIEMIAC I CC/	NIICMIND IGGD IGG I		
TIGOTIGE	103		AV6M1AD-LCSD LCS LC MCAWW 300.0A		
	104	(90 - 110) 0.14 (0-10		08/03/06 08/03/06	6219557
	104		Analysis Time:		6219557
		Dilucion Factor: 1	Analysis lime:	13:26	
Nitrate		WO#:JAV601AC-LCS/J	AV601AD-LCSD LCS Lc	ot-Sample#∙ D6H0	70000-558
	100		MCAWW 300.0A		
	100	(90 - 110) 0.45 (0-10		08/03/06	6219558
			Analysis Time:		0219330
			-		
Nitrite		WO#:JAV6T1AC-LCS/J	AV6T1AD-LCSD LCS LC	t-Sample#: D6H0	70000-559
	103	(90 - 110)		08/03/06	6219559
	103	(90 - 110) 0.0 (0-10	) MCAWW 300.0A	08/03/06	6219559
		Dilution Factor: 1	Analysis Time:	13:26	
Sulfate		**************************************			
Surrace	100		AV611AD-LCSD LCS LC		
	100			08/03/06	
	101	(90 - 110) 0.55 (0-10		08/03/06	6219560
		Dilution Factor: 1	Analysis Time:	13:26	
Sulfate		WO# • .TA 1 761 AC-T CG / T	A1761AD-LCSD LCS Lc	ot Complete Date	00000 454
	101	(90 - 110)		08/04/06	
	101	(90 - 110) 0.44 (0-10		08/04/06 08/04/06	
	-V-				6221474
		Dilucion Factor: 1	Analysis Time: 1	14:00	

# LABORATORY CONTROL SAMPLE EVALUATION REPORT

# General Chemistry

Matrix..... WATER

**Lot-Sample #...:** D6H030225

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Dissol	ved	WO#:JATE81AC	$-\overline{\mathtt{LCS}/\mathtt{JAT}}$	E81AD-LCSD LCS Lo	ot-Sample#: D6H0	40000-551
Solids					_	
	99	(86 - 106)		MCAWW 160.1	08/04/06	6216551
	100	(86 - 106) 0.60	(0-20)	MCAWW 160.1	08/04/06	6216551
		Dilution Fact	cor: 1	Analysis Time:	15:30	
Total Dissolv	ved	WO#:JATFE1AC	-LCS/JAT	FE1AD-LCSD LCS LC	ot-Sample#: D6H0	40000-552
	100	(86 - 106)		MCAWW 160.1	08/04/06	6216552
	100	(86 - 106) 0.20	(0-20)	MCAWW 160.1	08/04/06	6216552
		Dilution Fact	or: 1	Analysis Time:	18:30	

NOTE(S):

#### LABORATORY CONTROL SAMPLE DATA REPORT

# General Chemistry

Lot-Sample #...: D6H030225 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT UNITS	PERCNT RECVRY		n	PREPARATION- ANALYSIS DATE	PREP BATCH #
На				WOHIAC-LCSD		mple#: D6H04000	
-	7.00		nits 100		150.1	08/04/06	6216543
	7.00	7.01 No Ui	nits 100	0.28 MCAWW		08/04/06	6216543
		Dilution	Factor: 1	Analysis	Time: 10:13	. ,	
Bromide		WO#:JAV6	V1AC-LCS/JA	V6W1AD-LCSD	LCS Lot-Sa	mple#: D6H07000	0-561
	4.00	3.97 mg/L	99	MCAWW	300.0A	08/03/06	6219561
	4.00	3.98 mg/L	99	0.29 MCAWW	300.0A	08/03/06	6219561
		Dilution	Factor: 1	Analysis	Time: 13:26		
Chloride		WO#:JAV6	P1AC-LCS/JA	V6P1AD-LCSD	LCS Lot-Sa	mple#: D6H07000	0-556
	20.0	19.9 mg/L	100	MCAWW	300.0A	08/03/06	6219556
	20.0	19.9 mg/L	100	0.22 MCAWW	300.0A	08/03/06	6219556
		Dilution	Factor: 1	Analysis	Time: 13:26		
Fluoride		WO# • JAVIA	//1 AC-T.CS /.TA	W6M1 AD-T.CSD	I.CS I.ot-Sa	mple#: D6H07000	0-557
	4.00	4.13 mg/L	103		300.0A	08/03/06	6219557
	4.00	4.14 mg/L	104	0.14 MCAWW		08/03/06	6219557
		•	Factor: 1		Time: 13:26	00,00,00	0223337
Nitrate		₩O#+TX\76	)17/C_T.CG/.T7	VEOLAD LECED	TOO TOE CO	mple#: D6H07000	0 550
MICLACE	4.00	3.99 mg/L	100		300.0A	08/03/06	0-558 6219558
	4.00	4.01 mg/L	100	0.45 MCAWW		08/03/06	6219558
	1.00	-	Factor: 1		Time: 13:26	00/03/00	0219330
				-			
Nitrite			riac-lcs/ja	V6T1AD-LCSD	LCS Lot-Sa	mple#: D6H07000	0-559
	4.00	4.11 mg/L	103	MCAWW	300.0A	08/03/06	6219559
	4.00	4.11 mg/L	103	0.0 MCAWW		08/03/06	6219559
		Dilution	Factor: 1	Analysis	Time: 13:26		
Sulfate		WO#:JAV6	L1AC-LCS/JA	W611AD-LCSD	LCS Lot-Sa	mple#: D6H07000	0-560
	20.0	20.1 mg/L	100		300.0A	08/03/06	6219560
	20.0	20.2 mg/L	101	0.55 MCAWW	300.0A	08/03/06	6219560
		Dilution	Factor: 1	Analysis	Time: 13:26		
Sulfate		WO#:JA176	SIAC-TICS/ITA	.1761AD~T.CSD	LCS Lot-Sa	mple#: D6H09000	0-474
	20.0	20.3 mg/L	101		300.0A	08/04/06	6221474
	20.0	20.2 mg/L	101	0.44 MCAWW		08/04/06	6221474
	<del>-</del>	-	Factor: 1		Time: 14:00	00,04,00	J2214/4

#### LABORATORY CONTROL SAMPLE DATA REPORT

#### General Chemistry

Matrix..... WATER

Lot-Sample #...: D6H030225

SPIKE MEASURED PERCNT PREPARATION-PREP PARAMETER TUUOMA TRUOMA UNITS RECVRY RPD METHOD ANALYSIS DATE BATCH # Total Dissolved WO#:JATE81AC-LCS/JATE81AD-LCSD LCS Lot-Sample#: D6H040000-551 Solids 500 497 mq/L 99 MCAWW 160.1 08/04/06 6216551 500 500 mg/L 100 0.60 MCAWW 160.1 08/04/06 6216551 Dilution Factor: 1 Analysis Time..: 15:30 Total Dissolved WO#:JATFE1AC-LCS/JATFE1AD-LCSD LCS Lot-Sample#: D6H040000-552 Solids 500 499 mq/L 100 08/04/06 MCAWW 160.1 6216552 500 500 mg/L 100 0.20 MCAWW 160.1 08/04/06 6216552

Analysis Time..: 18:30

Dilution Factor: 1

NOTE(S):

#### MATRIX SPIKE SAMPLE EVALUATION REPORT

#### General Chemistry

Date Sampled...: 08/03/06 11:20 Date Received..: 08/04/06

	PERCENT	RECOVERY	RPD			PREPARATION- PREP
PARAMETER	RECOVERY	LIMITS	RPD LIMITS	METHOD		ANALYSIS DATE BATCH #
Bromide		WO#:	JAKEF1CT-MS/	JAKEF1CU-MSD	MS	Lot-Sample #: D6H030225-002
	101	(80 - 120)		MCAWW 300.0A		08/03/06 6219561
	102	(80 - 120)	0.83 (0-20)	MCAWW 300.0A		08/03/06 6219561
		Dilut	ion Factor: 1			
		Analy	sis Time: 14:4	:5		
Chloride			JAKEF1CN-MS/			Lot-Sample #: D6H030225-002
	103	(80 - 120)		MCAWW 300.0A		08/03/06 6219556
	103	(80 - 120)	0.38 (0-20)	MCAWW 300.0A		08/03/06 6219556
			ion Factor: 1			
		Analy	sis Time: 14:4	:5		
Fluoride			JAKEF1CL-MS/			Lot-Sample #: D6H030225-002
	99	(80 - 120)		MCAWW 300.0A		08/03/06 6219557
	100			MCAWW 300.0A		08/03/06 6219557
			ion Factor: 1			
		Analy	sis Time: 14:4	:5		
Nitrate		WO#:	JAKEF1CV-MS/	JAKEF1CW-MSD	MS	Lot-Sample #: D6H030225-002
	100	(80 - 120)		MCAWW 300.0A		08/03/06 6219558
	101	(80 - 120)	0.55 (0-20)	MCAWW 300.0A		08/03/06 6219558
		Dilut	ion Factor: 1			
		Analy	sis Time: 14:4	.5		
Nitrite		WO#:	JAKEF1CQ-MS/	JAKEF1CR-MSD	MS	Lot-Sample #: D6H030225-002
	102	(80 - 120)		MCAWW 300.0A		08/03/06 6219559
	103	(80 - 120)	0.64 (0-20)	MCAWW 300.0A		08/03/06 6219559
		Dilut	ion Factor: 1			
		Analy	sis Time: 14:4	:5		
Sulfate			JAKEF1CX-MS/	JAKEF1C0-MSD	MS	Lot-Sample #: D6H030225-002
	98	(80 - 120)		MCAWW 300.0A		08/03-08/04/06 6219560
	99	(80 - 120)	0.37 (0-20)	MCAWW 300.0A		08/03-08/04/06 6219560
		Dilut	ion Factor: 5			
		Analy	sis Time: 11:1	.1		
Sulfate			JAM7P1DK-MS/	JAM7P1DL-MSD		Lot-Sample #: D6H040193-001
	98	(80 - 120)		MCAWW 300.0A		08/04/06 6221474
	100		0.67 (0-20)	MCAWW 300.0A		08/04/06 6221474
			ion Factor: 5			
		Analy	sis Time: 16:0	7		

NOTE(S)

#### MATRIX SPIKE SAMPLE DATA REPORT

# General Chemistry

Client Lot #...: D6H030225 Matrix.....: WATER

Date Sampled...: 08/03/06 11:20 Date Received..: 08/04/06

	SAMPLE	SPIKE	MEASRD		PERCNT			PREPARATION-	PREP
PARAMETER	AMOUNT	AMT	TUUOMA	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	BATCH #
Bromide	<del></del>		WO#:	JAKEF1CT-MS,			MS Lot-Samp	ole #: D6H030225	
	ND	5.00	5.14	mg/L	101		MCAWW 300.0A	08/03/06	6219561
	ND	5.00	5.19	mg/L	102	0.83	MCAWW 300.0A	08/03/06	6219561
			Diluti	on Factor: 1					
			Analys	sis Time: 14:	45				
Chloride			WO#:	JAKEF1CN-MS	/JAKEF10	CP-MSI	O MS Lot-Samr	ole #: D6H030225	-002
	19	25.0	44.3	mg/L	103		MCAWW 300.0A	08/03/06	6219556
	19	25.0	44.5	mg/L	103	0.38	MCAWW 300.0A	08/03/06	6219556
			Diluti	on Factor: 1				20, 30, 33	320233
			Analys	sis Time: 14:	45				
Fluoride			₩O#:	JAKEF1CL-MS	/TAKEF1	CM-MSI	O MS Lot-Samr	ole #: D6H030225	-002
	1.7	5.00	6.69	mg/L	99		MCAWW 300.0A	08/03/06	6219557
	1.7	5.00	6.73	mg/L	100	0.52	MCAWW 300.0A	08/03/06	6219557
				on Factor: 1				,,	
			Analys	sis Time: 14:	45				
Nitrate			₩O#•	.TX KEE1 CVMC	/.TX VCC1 /	~147_1MC1	n MG Lot Gamr	ole #: D6H030225	_003
niciace	ND	5.00	νο _π . 5.25	mg/L	100	CM -14101	MCAWW 300.0A	08/03/06	6219558
	ND	5.00	5.28	mg/L	101	A 55	MCAWW 300.0A	08/03/06	6219558
	112	3.00		ion Factor: 1	101	0.55	MCAWW 300.0A	00/03/00	0217550
				sis Time: 14:	45				
				12					
Nitrite			WO#:	JAKEF1CQ-MS	JAKEF1	CR-MSI	D MS Lot-Samp	ole #: D6H030225	-002
	ND	5.00	5.11	mg/L	102		MCAWW 300.0A	08/03/06	6219559
	ND	5.00	5.14	mg/L	103	0.64	MCAWW 300.0A	08/03/06	6219559
			Dilut	ion Factor: 1					
			Analys	sis Time: 14:	45				
Sulfate			WO#:	JAKEF1CX-MS	JAKEF1	CO-MSI	D MS Lot-Samp	ole #: D6H030225	-002
	150	125	270	mg/L	98		MCAWW 300.0A	08/03-08/04/06	6219560
	150	125	271	mg/L	99	0.37	MCAWW 300.0A	08/03-08/04/06	6219560
			Dilut	ion Factor: 5					
			Analys	sis Time: 11:	11				
Sulfate			WO#:	JAM7P1DK-MS	/JAM7P11	DL-MSI	D MS Lot-Samm	ole #: D6H040193	-001
	230	125	355	mg/L	98		MCAWW 300.0A	08/04/06	6221474
	230	125	357	mg/L	100	0.67	MCAWW 300.0A	08/04/06	6221474
			Diluti	ion Factor: 5				• •	
			Analys	sis Time: 16:	07				

NOTE(S):

#### SAMPLE DUPLICATE EVALUATION REPORT

## General Chemistry

Client Lot #...: D6H030225

Work Order #...: JAM1J-SMP

Matrix....: WATER

JAM1J-DUP

Date Sampled...: 08/03/06 11:00 Date Received..: 08/04/06

	DUPLICATI	<u> </u>	RPD		PREPARATION-	PREP
PARAM RESU	T RESULT	UNITS RE	D LIMIT	METHOD	ANALYSIS DATE	BATCH #
рH				SD Lot-Sample #	: D6H040172-001	
7.5	7.5	No Units 0.	.0 (0-5.	0) MCAWW 150.1	08/04/06	6216543
		Dilution Factor:	: 1	Analysis Time: 15:56		

#### SAMPLE DUPLICATE EVALUATION REPORT

## General Chemistry

Client Lot #...: D6H030225

Work Order #...: JAGE7-SMP

Matrix....: WATER

JAGE7-DUP

Date Sampled...: 07/31/06 08:30 Date Received..: 08/02/06

PARAM RESULT Total Dissolved	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD SD Lot-Sample #:	PREPARATION- ANALYSIS DATE D6H020184-003	PREP BATCH #
Solids 1200	1200	mg/L Dilution Fac	0.58	,	MCAWW 160.1	08/04/06	6216551

#### SAMPLE DUPLICATE EVALUATION REPORT

## General Chemistry

Client Lot #...: D6H030225 Work Order #...: JAKWW-SMP

Matrix....: WATER

JAKWW-DUP

Date Sampled...: 08/02/06 12:25 Date Received..: 08/03/06

PARAM RESULT Total Dissolved	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD SD Lot-Sample #:	PREPARATION- ANALYSIS DATE D6H030281-012	PREP BATCH #
Solids 550	550	mg/L Dilution Fac	0.0	(0-20) Ana	MCAWW 160.1	08/04/06	6216553

# Chain of Custody Record

TRENT STI

**STL Denver**4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc.

CHR-6592W-Green-6393W-10 Green-6593W-10 3 NAA Address |FF8| Jinmaton-6593W-31 HR- 6592W-CH2-6592W-1 Green - 6593W-10 wining ton-6593w-3/3x1)0A/7/31/06/17:19 NININGHON-6593W-3/500ML7/31/06 17:10 CHR-6592W-1/1-L Orcen - 65 93W-10 STL-4124 (0901) Non-Hazard Jinmaton-6593W-3/3×UDA 7/31/06 17:16 Comments Relinquished By Relinquished By 24 Hours Possible \hazard Identification Project Name and Location (State) Relinquished By Turn Around Time Required Sample I.D. No. and Description (Containers for each sample may be combined on one line) Contract/Purchase Order/Quote No. Garrield County SSPA BOULDER 69286 48 Hours Broadway ☐ Flammable 50 O O O ☐ 7 Days 3x VOA 125 COV 3-40ml von 7/31/06 14:15 3x VOA Skin Irritant 500ml poli 12-L Poly Gas Sampling 16 State State Zip Code CO 80302 703 14 Days ☐ Poison B 7 31/06/17:30 7/3/06 8/1/06 21:41 90/16/2 8/1/06/12:08 E0:21/30/1/8 7/31/06 14:10 90/1/8 Date 21 Days 12:04 ☐ Unknown 14:15 12:05 Time Date Date Other St D. Project Manager Carrier/Waybill Number Telephone Number (Area Code)/Fax Northbe 303-939-Pearch 840) -dss ☐ Return To Client Sample Disposa × ×  $\overline{\times}$ × × × × × ×  $\succ$ Matrix 9:00 Time Time Soil 0 288 X × × × Unpres Lab Contact Mike Phillip Disposal By Lab Received By Received By QC Requirements (Specify) H2SO4 Containers & Preservatives X HNO3 * አ HCI NaOH ZnAc/ ☐ Archive For ヹメ メメ -300 メ × X X X more space is needed, Analysis (Attach list if X Date /1 /06 303-736-0160 Months X ゲ X メ メ X (A fee may be assessed if samples are retained longer than 1 month) ید メ Page_ Date Date Date Special Instructions/ Conditions of Receipt Time Time ıme of I 036

# Chain of Custody Record

STL-4124 (0901)

TRENT STI

**STL Denver** 4955 Yarrow Street

Arvada, CO 80002

Severn Trent Laboratories, Inc.

Green- 6593W-10-D Green - 6593W-10-D Penn-5597W-31 / 300ml Penn-5592W-31 Penn- 5592W-31 / 3xUDA Bain-6593W-10 Relinquished By 2. Retriquished By Non-Hazard Contract/Purchase Order/Quote No. Relinquished B) 24 Hours Turn Around Time Required Possible Hazard Identification Bain-6393W-10 Bain- 6893 W-10 Bain - 6593W-10 Penn - 5592W-31 Sample I.D. No. and Description (Containers for each sample may be combined on one line) Project Name and Location (State) SE Address BOULDER TRUP BLANK 69286 EE8) SSPA 48 Hours Broadway ☐ Flammable CO G-CC 1 Gas ☐ 7 Days ☐ Skin Irritant 3× 00A 13×VOR 1-6 13x VOA 11-6 1,500mL 13 VOYA 13 VOA Sampling State 6 S 703 X14 Days Zip Code 80302 Poison B 8/1/8 7131/06 8/1/06 **30 10** 106 8/1/06 7/31/06 8/1/06 8/1/08 8/11/06 8/1/06 Date 21 Days ☐ Unknown 9:30 9:30 9: 30 (3:00 13:80 9:30 13:00 SI:h. 13:00 SI:hI Time Other_ Date 10 Date | 10 PM Date Carrier/Waybill Norhber Site Contact Telephone Alumber (Area Code) Fax Number Project Manager C Pearcy 303. 939. 8880 5SD-1049 106 ☐ Return To Client Sample Disposal メ X ሂ Q. ۶Ę, ፠ × × Matrix Sed. 9:00 lime lime Soil × × × × メ Unpres Lab Contac Mike Phil ☐ Disposal By Lab Received By Received By 1. Received B. QC Requirements (Specify) H2SO4 Containers & Preservatives X メ HNO3  $\overline{\mathbb{X}}$ × × HCI NaOH ZnAc/ NaOH Archive For _ Ĺ ٧Ĺ 300.0 X X 310.1/5M230B X X ۲ X 150 more space is needed) Analysis (Attach list if Date 8/1/06 X 160 303-736-0100 Page Z Lab Numl (A fee may be assessed if samples are retained Months longer than 1 month) 8021 Ľ Sw X X RSK メ X EPA 700.8 X × Chain of Custody Number 336507 Date Date Date 8-306 Special Instructions/ Conditions of Receipt Time (030 lime l ime đ

Comments

# Chain of Custody Record

STL-4124 (0901)

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SEVERN TRENT

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**STL Denver**4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc.

Boulder me and L Yollard-6592W-4, Bllard-6592W-4 Blair-5592w-36 Blair - 5592w-36 Pollard-6592w-4 Suites-5592w-35/3-40m1 VOA Suites-5592w-35/13-40m1 UDA Suites-5592W-35/500ml Poly Blair-5592w-36/3-40ml UDA Blair - 5592 W-36 Pollard-losgaw-4 Juites-5592w-35/12 7014 1877 Broadway Suite 703 Relinquished By Christine Pearcy Non-Hazard Possible Hazard Identification (Containers for each sample may be combined on one line) Relinquished By 24 Hours S.S. Papadopulos : Associates/CoGCC Turn Around Time Required Contract/Purchase Order/Quote No. Project Name and Location (State) 09286 Sample I.D. No. and Description 48 Hours ☐ Flammable 13-40m1 UDA ☐ 7 Days 1500ml Polly 3-40m1 NOA 16 Bly 13-40m/ VOIA 1500ml bly ☐ Skin Irritant 12 Poly Gas Sampling State 🕅 14 Days Zip Code 80303 8/1106 00 Poison B 7/3/106 **6**7/31/06 81106 7/31/06 3/11/06 8/1/06 90/1/8 Date 66 106 21 Days 06 90 94:40 8:30 ☐ Unknown 8136 18:30 )4:40 14.40 1,30 8:30 <u>|</u>||30 11:30 아. 뉘 ||:3b Time 8206 Date C. Pearcy Date Other_ Carrier/Waybill Number BY 4an Griasby Telephode Number (Area Code) Fax Number 363-939-8886 Project Manager SSP ☐ Return To Client Sample Disposal Matrix 1045 02:00 Time Time Soil Mike thillips Unpres Disposal By Lab Received By QC Requirements (Specify) H2SO4 Received By Containers & Preservatives ниоз HCI NaOH ZnAc/ NaOH ☐ Archive For EPA - 300,0 15m2388 Analysis (Attach list if more space is needed) 363-736-0100 Months 8021 1212006 (A fee may be assessed if samples are retained longer than 1 month) Page Chain of Custody Numbe 336501 Date Date Date Si306 Special Instructions/ Conditions of Receipt 1030 lime ð دىع

Comments

# Chain of Custody Record

STL-4124 (0901)

TRENT STL

**STL Denver**4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc.

taton-5592w-36/3-40m1 NOA Putton-5592W-36/3-40ml UDA Stewart-6593W-1 Hatton- 5592w-36/ 500ml Poly Stewart- 6593W-1 Stewart-6593Wostanz-losszw-le ostanz-10592W-10 05tunz-6552w-6 ostanz-6592W-6 Batton- 5592w -36 Relinquished By Contract/Purchase Order/Quote Nd S.S. Papadepulos MSSociates/COGCC Comments 24 Hours Non-Hazard (Containers for each sample may be combined on one line) 1877 Broadway Suite 703 Relinquished By Possible Hazard Identification rtewart-6593W-Turn Around Time Required Project Name and Location (State) Helinquished By Boulder hristine Pearcy Sample I.D. No. and Description 48 Hours ☐ Flammable 13-40m1 VD1A 116 Bly Swm/ 13-40ml UOP 3-40ml UOA 3-40ml 500 ml Poly 1/88/1/2011 1/2016/1/06 ☐ 7 Days Ges Sampline Skin Irritant 11 Paly State ☐ 14 Days Zh Code 86363 7/31/06 ☐ Poison B 7/31/06 7/31/66 7/31/06 90 = 30 431106 7/31/06 8/1/66 81106 7/31/06 4/31/06 Date 21 Days 09:36 13;65 0%.30 05:30 183*0*0 18:00 13:65 05:30 13:05 00:81 18:00 13:65 Unknown Time Bla lo le C. Harcy Date Other_ Carrier/Waybill Number 5ryan Grigsby Telephore Number (Area Code) Fax Number 363-939-8880 Project Manager SSP Air ☐ Return To Client Sample Disposal 6401 Matrix Sed. Time Time Time Mike Phillips Unpre. Disposal By Lab Received By QC Requirements (Specify) Received By H2\$04 Received Containers & Preservatives ниоз HCI NaOH ZnAc/ NaOH ☐ Archive For PA-310,115m230B 200. more space is needed) Analysis (Attach list ii 303-736-0100 8/2/2006 Lab Number Months 8021 175 200.8 (A fee may be assessed if samples are retained longer than 1 month) Page__ Chain of Custody Number 336502 P1308 Date Date Date Conditions of Receipt Special Instructions/ 2 6030 Time Time Time đ ಬ



STL Denver 4955 Yarrow Street Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171 www.stl-inc.com

# **ANALYTICAL REPORT**

**Garfield County Water/Gas Sampling** 

Lot D6H070187

**Christine Pearcy** 

S. S. Papadopulos & Associates, Inc. 1877 Broadway Suite 703 Boulder, CO 80302-5245

SEVERN TRENT LABORATORIES, INC. / STL DENVER

Michael P. Phillips

Muchael 2. Whilly

**Project Manager** 

August 23, 2006

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## **Table Of Contents**

## Standard Deliverables

## **Report Contents**

# Total Number of Pages

## Standard Deliverables

The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.

- Table of Contents
- Case Narrative
- Executive Summary Detection Highlights
- Methods Summary
- Method/Analyst Summary
- Lot Sample Summary
- Analytical Results
- QC Data Association Summary
- Chain-of-Custody

## CASE NARRATIVE D6H070187

The following report contains the analytical results for nineteen samples and a trip blank submitted to STL Denver by S. S. Papadopulos & Associates for the Garfield County Water/Gas Sampling Project. The samples were received August 7, 2006, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter listed on the methods summary page in accordance with the method indicated. A summary of QC data for this analysis is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

#### **Supplemental QC Information**

#### Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition at cooler temperatures of 5.1°C, 2.6°C, and 4.5°C. STL uses a holding time of 24 hours for pH by Method 150.1 to allow for sample shipment. However, the analysis for pH by Method 150.1 should be performed in the field immediately following sampling. All of the analyses for pH were performed by the lab outside of STL's holding time of 24 hours. In addition, for all of the samples, the Nitrate and Nitrite analyses by Method 300.0A were performed outside the holding time of 48 hours due to the samples arriving at the lab past the holding time. The client was notified on August 8, 2006 and the lab was advised to proceed with the analyses.

No other anomalies were observed.

#### BTEX / MTBE, SW846 Method 8021B

No anomalies were observed.

#### <u>Dissolved Methane, RSK SOP-175</u>

No MS/MSD could be performed due to insufficient sample volume; however, a LCS/LCSD pair was analyzed to demonstrate method precision.

No other anomalies were observed.

#### Total Metals, EPA Method 200.8

No anomalies were observed.

#### Major Cation, EPA Method 200.7

The percent recoveries and the relative percent difference of the MS/MSD performed using sample MURPH-6S92W-6 were not calculated for Sodium because the sample concentration was greater than four times the spike amount.

No other anomalies were observed.

#### Major Anions, EPA Method 300.0

All of the samples except CHENO-6S91W-5 and TALBOTT-6S91W-4 required dilutions for one or more of the Major Anions due to the high concentrations of the target analytes in the samples or matrix interferences. The reporting limits have been adjusted relative to the dilutions required and the results have been flagged with "Q" or "G" in the report.

The MS/MSD performed using sample MURPH-6S92W-6 exhibited MS and MSD recoveries outside control limits for Chloride. Because the corresponding Laboratory Control Samples and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

#### Alkalinity, pH, and Total Dissolved Solids, EPA Methods 310.1, 150.1, and 160.1

Sample TREU-5S92W-32 required a dilution for Total Dissolved Solids due to the high concentration of the target analyte in the sample. The reporting limit has been adjusted relative to the dilution required and the result has been flagged with "Q" in the report.

No other anomalies were observed.

## D6H070187

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
And the second s		<u> </u>	014110	_ HHIIIOD
MURPH-6S92W-6 08/02/06 14:00 001				
Calcium	140000	200	ug/L	MCAWW 200.7
Magnesium	170000	200	ug/L	MCAWW 200.7
Potassium	6100	3000	ug/L	MCAWW 200.7
Sodium	380000	5000	ug/L	MCAWW 200.7
Barium	30	1.0	ug/L	MCAWW 200.8
Manganese	2.0	1.0	ug/L	MCAWW 200.8
Selenium	35	5.0	ug/L	MCAWW 200.8
рН	7.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	2400	10	mg/L	MCAWW 160.1
Chloride	270 Q	30	mg/L	MCAWW 300.0A
Sulfate	960 Q	100	mg/L	MCAWW 300.0A
Nitrate	2.3 G	1.0	mg/L	MCAWW 300.0A
Bromide	0.68 G	0.40	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	490	5.0	mg/L	MCAWW 310.1
SCHOUTEN-6S92W-5 08/02/06 09:30 002	_			
Calcium	89000	200	ug/L	MCAWW 200.7
Magnesium	60000	200	ug/L	MCAWW 200.7
Potassium	3700	3000	ug/L	MCAWW 200.7
Sodium	200000	5000	ug/L	MCAWW 200.7
Barium	11	1.0	ug/L	MCAWW 200.8
Selenium	7.8	5.0	ug/L	MCAWW 200.8
рн	7.6	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1100	10	mg/L	MCAWW 160.1
Chloride	79 Q	15	mg/L	MCAWW 300.0A
Sulfate	370 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.80	0.50	mg/L	MCAWW 300.0A
Nitrate	1.2	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	360	5.0	mg/L	MCAWW 310.1
NESBIT-6S92W-6 08/02/06 10:45 003				
Calcium	100000	200	ug/L	MCAWW 200.7
Magnesium	59000	200	ug/L	MCAWW 200.7
Sodium	170000	5000	ug/L	MCAWW 200.7
Barium	19	1.0	ug/L	MCAWW 200.8
Selenium	7.2	5.0	ug/L	MCAWW 200.8
рн	7.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1000	10	mg/L	MCAWW 160.1

## D6H070187

		REPORTIN	ſĠ	ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
NESBIT-6S92W-6 08/02/06 10:45 003	•			
Chloride	99 Q	15	mg/L	MCAWW 300.0A
Sulfate	280 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.77	0.50	mg/L	MCAWW 300.0A
Nitrate	0.70	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	390	5.0	mg/L	MCAWW 310.1
LYONS-5S91W-31 08/02/06 14:30 004	Ŀ			
Calcium	60000	200	ug/L	MCAWW 200.7
Magnesium	30000	200	ug/L	MCAWW 200.7
Sodium	180000	5000	ug/L	MCAWW 200.7
Barium	14	1.0	ug/L	MCAWW 200.8
Manganese	23	1.0	ug/L	MCAWW 200.8
Selenium	9.1	5.0	ug/L	MCAWW 200.8
рн	7.7	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	800	10	mg/L	MCAWW 160.1
Chloride	51 Q	15	mg/L	MCAWW 300.0A
Sulfate	280 Q	50	mg/L	MCAWW 300.0A
Fluoride	1.3	0.50	mg/L	MCAWW 300.0A
Nitrate	3.1	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	260	5.0	mg/L	MCAWW 310.1
ELDERKIN-5S91W-30 08/02/06 12:30	005			
Calcium	84000	200	ug/L	MCAWW 200.7
Magnesium	59000	200	ug/L	MCAWW 200.7
Sodium	25000	5000	ug/L	MCAWW 200.7
Barium	17	1.0	ug/L	MCAWW 200.8
Chromium	3.5	3.0	ug/L	MCAWW 200.8
Manganese	1.4	1.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	610	10	mg/L	MCAWW 160.1
Chloride	9.2	3.0	mg/L	MCAWW 300.0A
Sulfate	170 Q	25	mg/L	MCAWW 300.0A
Fluoride	1.0	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	280	5.0	mg/L	MCAWW 310.1

## D6H070187

		REPORTIN	G	ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
a do to do and do and a			011111	
FAZZI-5S91W-32 08/02/06 09:20 006				
Calcium	32000	200	ug/L	MCAWW 200.7
Magnesium	1100	200	ug/L	MCAWW 200.7
Sodium	600000	5000	ug/L	MCAWW 200.7
Arsenic	9.8	5.0	ug/L	MCAWW 200.8
Barium	16	1.0	ug/L	MCAWW 200.8
Lead	1.0	1.0	ug/L	MCAWW 200.8
Manganese	3.7	1.0	ug/L	MCAWW 200.8
Selenium	290	5.0	ug/L	MCAWW 200.8
рн	8.0	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1800	10	mg/L	MCAWW 160.1
Chloride	220 Q	15	mg/L	MCAWW 300.0A
Sulfate	600 Q	100	mg/L	MCAWW 300.0A
Fluoride	1.3	0.50	mg/L	MCAWW 300.0A
Nitrate	13 Q	1.0	mg/L	MCAWW 300.0A
Bromide	1.8	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	400	5.0	mg/L	MCAWW 310.1
ORTON-5S91W-31 08/02/06 13:30 007				
Calcium	63000	200	ug/L	MCAWW 200.7
Magnesium	53000	200	ug/L	MCAWW 200.7
Potassium	3300	3000	ug/L	MCAWW 200.7
Sodium	110000	5000	ug/L	MCAWW 200.7
Barium	15	1.0	ug/L	MCAWW 200.8
Selenium	7.6	5.0	ug/L	MCAWW 200.8
pH	7.6	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	710	10	mg/L	MCAWW 160.1
Chloride	12	3.0	mg/L	MCAWW 300.0A
Sulfate	220 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.99	0.50	mg/L	MCAWW 300.0A
Nitrate	1.3	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	330	5.0	mg/L	MCAWW 310.1
SALB-6S93W-12 08/02/06 10:30 008				
Calcium	94000	200	ug/L	MCAWW 200.7
Magnesium	57000	200	ug/L	MCAWW 200.7
Potassium	4700	3000	ug/L	MCAWW 200.7
Sodium	390000	5000	ug/L	MCAWW 200.7
Barium	25	1.0	ug/L	MCAWW 200.8
Manganese	690	1.0	ug/L	MCAWW 200.8

## D6H070187

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SALB-6S93W-12 08/02/06 10:30 008				
Selenium	8.7	5.0	ug/L	MCAWW 200.8
Нq	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1600	10	mg/L	MCAWW 160.1
Chloride	150 Q	15	mg/L	MCAWW 300.0A
Sulfate	480 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.77	0.50	mg/L	MCAWW 300.0A
Nitrate	2.4	0.50	mg/L	MCAWW 300.0A
Bromide	0.41	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	550	5.0	mg/L	MCAWW 310.1
URBAN-5S92W-33 08/03/06 13:30 009				
Calcium	48000	200	ug/L	MCAWW 200.7
Magnesium	37000	200	ug/L	MCAWW 200.7
Sodium	74000	5000	ug/L	MCAWW 200.7
Barium	22	1.0	ug/L	MCAWW 200.8
Manganese	2.2	1.0	ug/L	MCAWW 200.8
Selenium	7.9	5.0	ug/L	MCAWW 200.8
рН	7.8	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	500	10	mg/L	MCAWW 160.1
Chloride	9.4	3.0	mg/L	MCAWW 300.0A
Sulfate	140 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.90	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	250	5.0	mg/L	MCAWW 310.1
GREEN-6S93W-11 08/02/06 11:25 010				
Calcium	72000	200	ug/L	MCAWW 200.7
Magnesium	47000	200	ug/L	MCAWW 200.7
Potassium	3900	3000	ug/L	MCAWW 200.7
Sodium	310000	5000	ug/L	MCAWW 200.7
Barium	25	1.0	ug/L	MCAWW 200.7
Manganese	250	1.0	ug/L ug/L	MCAWW 200.8
рН	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved	1300	10		
Solids			mg/L	MCAWW 160.1
Chloride	140 Q	15	mg/L	MCAWW 300.0A
Sulfate	330 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.74	0.50	mg/L	MCAWW 300.0A
Bromide	0.21	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	490	5.0	mg/L	MCAWW 310.1

## D6H070187

			REPORTING		ANALYTICAL
	PARAMETER	RESULT	_ LIMIT	UNITS	METHOD
SHOUP-	6S93W-10 08/02/06 16:00 011				
	Calcium	130000	200	ug/L	MCAWW 200.7
	Magnesium	75000	200	ug/L	MCAWW 200.7
	Sodium	31000	5000	ug/L	MCAWW 200.7
	Barium	13	1.0	ug/L	MCAWW 200.8
	Selenium	7.5	5.0	ug/L	MCAWW 200.8
	рн	7.3	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	920	10	mg/L	MCAWW 160.1
	Chloride	9.5	3.0	mg/L	MCAWW 300.0A
	Sulfate	360 Q	50	mg/L	MCAWW 300.0A
	Nitrate	0.68	0.50	_	MCAWW 300.0A
	Bicarbonate, as CaCO3	300	5.0	mg/L mg/L	MCAWW 300.0A
	Bicarbonace, as Cacos	300	5.0	1119 / Li	MCAWW 310.1
ALLEN-	5S92W-30 08/04/06 13:00 012				
	Calcium	160000	200	ug/L	MCAWW 200.7
	Magnesium	65000	200	ug/L	MCAWW 200.7
	Potassium	4300	3000	ug/L	MCAWW 200.7
	Sodium	320000	5000	ug/L	MCAWW 200.7
	Barium	31	1.0	ug/L	MCAWW 200.8
	Lead	1.1	1.0	ug/L	MCAWW 200.8
	Manganese	3.3	1.0	ug/L	MCAWW 200.8
	Selenium	9.8	5.0	ug/L	MCAWW 200.8
	рН	7.1	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	1600	10	mg/L	MCAWW 160.1
	Chloride	39	3.0	mg/L	MCAWW 300.0A
	Sulfate	660 Q	100	mg/L	MCAWW 300.0A
	Fluoride	0.88	0.50	mg/L	MCAWW 300.0A
	Nitrate	1.0	0.50	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	560	5.0	mg/L	MCAWW 310.1
TREU-5	S92W-32 08/04/06 10:45 013				
	Calcium	170000	200	ug/L	MCAWW 200.7
	Magnesium	160000	200	ug/L	MCAWW 200.7
	Potassium	12000	3000	ug/L	MCAWW 200.7
	Sodium	1500000	5000	ug/L	MCAWW 200.7
	Arsenic	6.6	5.0	ug/L	MCAWW 200.8
	Barium	6.6	1.0	ug/L	MCAWW 200.8
	Manganese	4.9	1.0	ug/L	MCAWW 200.8
	Selenium	100	5.0	ug/L	MCAWW 200.8
	рн	7.5	0.10	No Units	MCAWW 150.1

#### D6H070187

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
TREU-5S92W-32 08/04/06 10:45 013					
Total Dissolved	3000 Q	20	mg/L	MCAWW 160.1	
Solids			J.		
Chloride	370 Q	30	mg/L	MCAWW 300.0A	
Sulfate	3400 Q	500	mg/L	MCAWW 300.0A	
Nitrate	7.3 G	1.0	mg/L	MCAWW 300.0A	
Bromide	1.8 G	0.40	mg/L	MCAWW 300.0A	
Bicarbonate, as CaCO3	510	5.0	mg/L	MCAWW 310.1	
LOWD-5S92W-33 08/04/06 14:45 014					
Calcium	100000	200	ug/L	MCAWW 200.7	
Magnesium	83000	200	ug/L	MCAWW 200.7	
Sodium	60000	5000	ug/L	MCAWW 200.7	
Barium	19	1.0	ug/L	MCAWW 200.8	
Selenium	7.1	5.0	ug/L	MCAWW 200.8	
Н	7.5	0.10	No Units	MCAWW 150.1	
Total Dissolved Solids	880	10	mg/L	MCAWW 160.1	
Chloride	38	3.0	mg/L	MCAWW 300.0A	
Sulfate	260 Q	50	mg/L	MCAWW 300.0A	
Fluoride	0.54	0.50	mg/L	MCAWW 300.0A	
Nitrate	0.94	0.50	mg/L	MCAWW 300.0A	
Bicarbonate, as CaCO3	370	5.0	mg/L	MCAWW 310.1	
CHENO-6S91W-5 08/04/06 11:30 015					
Calcium	87000	200	/T	MCALTI OOO F	
Magnesium			ug/L	MCAWW 200.7	
Sodium	13000	200	ug/L	MCAWW 200.7	
Barium	9600	5000	ug/L	MCAWW 200.7	
	110	1.0	ug/L	MCAWW 200.8	
Manganese	1.3	1.0	ug/L	MCAWW 200.8	
рн	7.4	0.10	No Units	MCAWW 150.1	
Total Dissolved Solids	330	10	mg/L	MCAWW 160.1	
Sulfate	25	5.0	mg/L	MCAWW 300.0A	
Bicarbonate, as CaCO3	250	5.0	mg/L	MCAWW 310.1	
TALBOTT-6S91W-4 08/03/06 11:15 016					
Calcium	85000	200	ug/L	MCAWW 200.7	
Magnesium	29000	200	ug/L ug/L	MCAWW 200.7	
Sodium	18000	5000	ug/L ug/L		
Barium	52	1.0	-	MCAWW 200.7	
2011	<i>34</i>	1.0	ug/L	MCAWW 200.8	

## D6H070187

PARAMETER  TALBOTT-6S91W-4 08/03/06 11:15 016  Manganese pH Total Dissolved Solids	RESULT 5.5 7.6 390	REPORTING LIMIT  1.0 0.10 10	UNITS  ug/L  No Units  mg/L	MCAWW 200.8 MCAWW 150.1 MCAWW 160.1
Sulfate	49	5.0	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	310	5.0	mg/L	MCAWW 310.1
COPE-6S91W-2 08/04/06 14:40 017				
Calcium	100000	200	ug/L	MCAWW 200.7
Magnesium	63000	200	ug/L	MCAWW 200.7
Potassium	3200	3000	ug/L	MCAWW 200.7
Sodium	150000	5000	ug/L	MCAWW 200.7
Barium	12	1.0	ug/L	MCAWW 200.8
Chromium	4.1	3.0	ug/L	MCAWW 200.8
Manganese	8.0	1.0	ug/L	MCAWW 200.8
Selenium	11	5.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1100	10	mg/L	MCAWW 160.1
Chloride	86 Q	15	mg/L	MCAWW 300.0A
Sulfate	370 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.82	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	310	5.0	mg/L	MCAWW 310.1
HUGHES-6S91W-4 08/03/06 12:30 018				
Calcium	79000	200	ug/L	MCAWW 200.7
Iron	350	100	ug/L	MCAWW 200.7
Magnesium	38000	200	ug/L	MCAWW 200.7
Sodium	15000	5000	ug/L	MCAWW 200.7
Barium	23	1.0	ug/L	MCAWW 200.8
Manganese	10	1.0	ug/L	MCAWW 200.8
рн	7.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	410	10	mg/L	MCAWW 160.1
Sulfate	51 Q	25	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	320	5.0	mg/L	MCAWW 310.1

## D6H070187

PARAMETER  BRE-6S93W-11 08/02/06 14:30 019	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
			,	
Calcium	75000	200	ug/L	MCAWW 200.7
Magnesium	46000	200	ug/L	MCAWW 200.7
Potassium	3800	3000	ug/L	MCAWW 200.7
Sodium	360000	5000	ug/L	MCAWW 200.7
Barium	22	1.0	ug/L	MCAWW 200.8
Lead	2.0	1.0	ug/L	MCAWW 200.8
Manganese	90	1.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1400	10	mg/L	MCAWW 160.1
Chloride	160 Q	15	mg/L	MCAWW 300.0A
Sulfate	390 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.85	0.50	mg/L	MCAWW 300.0A
Bromide	0.25	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	540	5.0	mg/L	MCAWW 310.1

## **METHODS SUMMARY**

## D6H070187

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	MCAWW 150.1	MCAWW 150.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Bromide	MCAWW 300.0A	MCAWW 300.0A
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Dissolved Gasses in Water	RSK SOP-175	
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	MCAWW 200.7	MCAWW 200.7
ICP-Mass Spectrometry ICP-Mass SPectrometry	MCAWW 200.8	MCAWW 200.8
Nitrate as N	MCAWW 300.0A	MCAWW 300.0A
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Volatiles by GC	SW846 8021B	SW846 5030

## References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

## **METHOD / ANALYST SUMMARY**

## D6H070187

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 150.1	Danielle M. Fougere	006481
MCAWW 160.1 MCAWW 200.7	Christopher Grisdale Janel Motichka	009582 002862
MCAWW 200.7	Janel Motichka	2862
MCAWW 200.8	Yong-ming Ding	11576
MCAWW 300.0A	Ewa Kudla	001167
MCAWW 300.0A	Ewa Kudla	1167
MCAWW 310.1	Andrew M. Perlman	008060
RSK SOP-175	Patrick Quirk	006795
SW846 8021B	Adam Pavlakovich	003128
References:		

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

## **SAMPLE SUMMARY**

#### D6H070187

<u>WO # 8</u>	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JAR10	001	MURPH-6S92W-6	08/02/06	14:00
JAR18	002	SCHOUTEN-6S92W-5	08/02/06	09:30
JAR2J	003	NESBIT-6S92W-6	08/02/06	10:45
JAR2K	004	LYONS-5S91W-31	08/02/06	14:30
JAR2M	005	ELDERKIN-5S91W-30	08/02/06	
JAR2N	006	FAZZI-5S91W-32	08/02/06	
JAR2Q	007	ORTON-5S91W-31	08/02/06	
JAR2T	800	SALB-6S93W-12	08/02/06	
JAR2W	009	URBAN-5S92W-33	08/03/06	
JAR2X	010	GREEN-6S93W-11	08/02/06	11:25
JAR20	011	SHOUP-6S93W-10	08/02/06	
JAR22	012	ALLEN-5S92W-30	08/04/06	
JAR23	013	TREU-5S92W-32	08/04/06	
JAR25	014	LOWD-5S92W-33	08/04/06	
JAR27	015	CHENO-6S91W-5	08/04/06	
JAR28	016	TALBOTT-6S91W-4	08/03/06	
JAR3A	017	COPE-6S91W-2	08/04/06	
JAR3C	018	HUGHES-6S91W-4	08/03/06	
JAR3E	019	BRE-6S93W-11	08/02/06	
JAR3F	020	TRIP BLANK	08/04/06	
NOTE (S	) -			

#### NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

## Client Sample ID: MURPH-6S92W-6

## GC Volatiles

Lot-Sample #: D6H070187-001	Work Order #: JAR101A3	Matrix WATER

 Date Sampled...:
 08/02/06
 14:00
 Date Received...:
 08/07/06

 Prep Date....:
 08/07/06
 Analysis Date...:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...:
 14:29

Dilution Factor: 1

Method.....: RSK SOP-175

REPORTING

## Client Sample ID: SCHOUTEN-6S92W-5

## GC Volatiles

Lot-Sample #:	D6H070187-002	Work Order #: JAR181AE	Matrix WATER

 Date Sampled...:
 08/02/06 09:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...:
 14:34

Dilution Factor: 1

Method.....: RSK SOP-175

## Client Sample ID: NESBIT-6S92W-6

#### GC Volatiles

Lot-Sample #: D6H070187-0	O3 Work Order #: JAR2J1AE	Matrix WATER
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 Date Sampled...:
 08/02/06
 10:45
 Date Received...
 08/07/06

 Prep Date....:
 08/07/06
 Analysis Date...
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...
 14:38

Dilution Factor: 1

Method....: RSK SOP-175

PARAMETER RESULT REPORTING UNITS

Methane ND 5.0 ug/L

#### Client Sample ID: LYONS-5S91W-31

#### GC Volatiles

Lot-Sample #: D6H070187-004	Work Order #: JAR2K1AE	Matrix WATER
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 Date Sampled...:
 08/02/06
 14:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...:
 14:43

Dilution Factor: 1

Method.....: RSK SOP-175

REPORTING

## Client Sample ID: ELDERKIN-5S91W-30

## GC Volatiles

Lot-Sample #:	D6H070187-005	Work Order #:	JAR2M1AE	Matrix WATER
Date Sampled:	08/02/06 12:30	Date Received:	08/07/06	
Prep Date:	08/07/06	Analysis Date:	08/08/06	
Prep Batch #:	6223314	Analysis Time:	14:48	
Dilution Factor:	1			
		Method:	RSK SOP-17	5
			REPORTING	
PARAMETER	<u> </u>	RESULT	LIMIT	UNITS

ug/L

ND

Methane

## Client Sample ID: FAZZI-5S91W-32

## GC Volatiles

Lot-Sample #:	D6H070187-006	Work Order #:	JAR2N1AE	Matrix	WATER
Date Sampled:	08/02/06 09:20	Date Received:	08/07/06		
Prep Date:	08/07/06	Analysis Date:	08/08/06		
Prep Batch #:	6223314	Analysis Time:	14:53		
Dilution Factor:	1				
		Method:	RSK SOP-175		

## Client Sample ID: ORTON-5S91W-31

## GC Volatiles

Lot-Sample #: D6H070187-0	007 Work Order #: JAR2Q1AE	Matrix WATER
Date Sampled: 08/02/06 13	:30 Date Received: 08/07/06	
<b>Prep Date:</b> 08/07/06	Analysis Date: 08/08/06	
Prep Batch #: 6223314	Analysis Time: 14:58	

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

PARAMETER	RESULT	LIMIT	UNITS
Methane	ND	5.0	ug/L

#### Client Sample ID: SALB-6S93W-12

#### **GC Volatiles**

Lot-Sample #: D6H070187-008 Work	Order #: JAR2T1	AE <b>Matrix</b> WATER
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 Date Sampled...:
 08/02/06
 10:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...:
 15:03

Dilution Factor: 1

Method.....: RSK SOP-175

REPORTING

## Client Sample ID: URBAN-5S92W-33

## GC Volatiles

Lot-Sample #: D6H070187-009	Work Order #: JAR2W1AE	Matrix WATER
Date Sampled: 08/03/06 13:30	Date Received: 08/07/06	
Prep Date: 08/07/06	Analysis Date: 08/08/06	
Prep Batch #: 6223314	Analysis Time: 15:08	
Dilution Factor: 1		

Method.....: RSK SOP-175

REPORTING

## Client Sample ID: GREEN-6S93W-11

## GC Volatiles

Lot-Sample #:	D6H070187-010	Work Order #:	JAR2X1AE	Matrix WATER
Date Sampled:				
Prep Date:	08/07/06	Analysis Date:	08/08/06	
Prep Batch #:	6223314	Analysis Time:	15:44	
Dilution Factor:	1			
		Method:	RSK SOP-175	

## Client Sample ID: SHOUP-6S93W-10

## GC Volatiles

Lot-Sample #:	D6H070187-011	Work Order #:	JAR201AE	Matrix	WATER
Date Sampled:	08/02/06 16:00	Date Received:	08/07/06		
Prep Date:		Analysis Date:			
Prep Batch #:	6223314	Analysis Time:	15:49		
Dilution Factor:	1				
		Method:	RSK SOP-175		

REPORTING

Client Sample ID: ALLEN-5S92W-30

#### GC Volatiles

Lot-Sample #...: D6H070187-012 Work Order #...: JAR221AE Matrix..... WATER

 Date Sampled...:
 08/04/06
 13:00
 Date Received...:
 08/07/06

 Prep Date....:
 08/07/06
 Analysis Date...:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...:
 15:53

 Dilution Factor:
 1

Method..... RSK SOP-175

## Client Sample ID: TREU-5S92W-32

## GC Volatiles

Lot-Sample #:	D6H070187-013	Work Order #:	JAR231AE	Matrix WATER
Date Sampled:	08/04/06 10:45	Date Received:	08/07/06	
Prep Date:	08/07/06	Analysis Date:	08/08/06	
Prep Batch #:	6223314	Analysis Time:	15:58	
Dilution Factor:	1			
		Method:	RSK SOP-175	

REPORTING

## Client Sample ID: LOWD-5S92W-33

#### GC Volatiles

Lot-Sample #...: D6H070187-014 Work Order #...: JAR251AE Matrix....: WATER

 Date Sampled...:
 08/04/06
 14:45
 Date Received...:
 08/07/06

 Prep Date.....:
 08/07/06
 Analysis Date...:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...:
 16:03

 Dilution Factor:
 1

Method..... RSK SOP-175

## Client Sample ID: CHENO-6S91W-5

## GC Volatiles

Lot-Sample #:	D6H070187-015	Work Order #:	JAR271AE	Matrix	WATER
Date Sampled:	08/04/06 11:30	Date Received:	08/07/06		
Prep Date:	08/07/06	Analysis Date:	08/08/06		
Prep Batch #:	6223314	Analysis Time:	16:08		
Dilution Factor:	1				
		Method:	RSK SOP-175		

	TOTO DOT	4,0

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Methane	ND	5.0	ug/L

## Client Sample ID: TALBOTT-6S91W-4

## GC Volatiles

Lot-Sample #:	D6H070187-016	Work Order #:	JAR281AE	Matrix:	WATER
Date Sampled:	08/03/06 11:15	Date Received:	08/07/06		**********
Prep Date:	08/07/06	Analysis Date:	08/08/06	•	
Prep Batch #:		Analysis Time:	16:13		
Dilution Factor:	1.				
		Method:	RSK SOP-175		

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Methane	ND	5.0	ug/L

## Client Sample ID: COPE-6S91W-2

## GC Volatiles

Lot-Sample #:	D6H070187-017	Work Order #:	JAR3A1AE	Matrix:	WATER
Date Sampled:	08/04/06 14:40	Date Received:	08/07/06		
Prep Date:	08/07/06	Analysis Date:	08/08/06		
Prep Batch #:	6223314	Analysis Time:	16:18		
Dilution Factor:	1				
		Method:	RSK SOP-175		

REPORTING

## Client Sample ID: HUGHES-6S91W-4

#### **GC Volatiles**

Lot-Sample #: D6H070187-018		Matrix WATER
Date Sampled: 08/03/06 12:30	Date Received: 08/07/06	
Prep Date 08/07/06	Analysis Date • 08/08/06	

Prep Date...: 08/07/06 Analysis Date..: 08/08/06 Prep Batch #...: 6223314 Analysis Time..: 16:23

Dilution Factor: 1

Method.....: RSK SOP-175

#### Client Sample ID: BRE-6S93W-11

#### GC Volatiles

Lot-Sample #:	D6H070187-019	Work	Order #:	JAR3E1AE	Matrix:	WATER
Date Sampled:	08/02/06 14:30	Date	Received .	08/07/06		

 Prep Date.....:
 08/02/06
 14:30
 Date Received...
 08/07/06

 Prep Date.....:
 08/07/06
 Analysis Date...
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time...
 16:28

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

## Client Sample ID: MURPH-6S92W-6

#### GC Volatiles

Lot-Sample #:	D6H070187-001	Work Order #: JAR101AM	Matrix WATER
Date 07 - 3	* * ! = - !		MAIER

 Date Sampled...:
 08/02/06
 14:00
 Date Received...:
 08/07/06

 Prep Date....:
 08/10/06
 Analysis Time...:
 08/10/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 21:46

Dilution Factor: 1

Method.....: SW846 8021B

PARAMETER	RESULT	REPORTING LIMIT	IDITOG
Benzene Ethylbenzene	ND	0.50	<u>UNITS</u> ug/L
Methyl tert-butyl ether	ND ND	0.50 5.0	ug/L ug/L
Toluene m-Xylene & p-Xylene	ND ND	0.50	ug/L
o-Xylene	ND	0.50 0.50	ug/L ug/L
Xylenes (total)	ND	0.50	ug/L
SURROGATE a,a,a-Trifluorotoluene (TFT)	PERCENT RECOVERY 97	RECOVERY LIMITS (85 - 115)	

## Client Sample ID: SCHOUTEN-6S92W-5

## GC Volatiles

Lot-Sample #: Date Sampled: Prep Date: Prep Batch #: Dilution Factor:	08/02/06 09:30 08/10/06 6223385	Work Order #: Date Received: Analysis Date: Analysis Time:	08/07/06 08/10/06	Matrix:	WATER
		Method:	SW846 8021B		

PARAMETER  Benzene Ethylbenzene Methyl tert-butyl ether Toluene m-Xylene & p-Xylene o-Xylene Xylenes (total)	RESULT ND	REPORTING LIMIT 0.50 0.50 5.0 0.50 0.50 0.50 0.50	UNITS ug/L ug/L ug/L ug/L ug/L ug/L
SURROGATE a,a,a-Trifluorotoluene (TFT)	PERCENT RECOVERY 97	RECOVERY LIMITS (85 - 115)	

## Client Sample ID: NESBIT-6S92W-6

#### GC Volatiles

Lot-Sample #...: D6H070187-003 Work Order #...: JAR2J1AR Matrix..... WATER

 Date Sampled...:
 08/02/06 10:45
 Date Received...:
 08/07/06

 Prep Date.....:
 08/10/06
 Analysis Date...:
 08/10/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 23:00

Dilution Factor: 1

Method.....: SW846 8021B

		REPORTING		
PARAMETER	RESULT	LIMIT	UNITS	
Benzene	ND	0.50	ug/L	
Ethylbenzene	ND	0.50	ug/L	
Methyl tert-butyl ether	ND	5.0	ug/L	
Toluene	ND	0.50	ug/L	
m-Xylene & p-Xylene	ND	0.50	ug/L	
o-Xylene	ND	0.50	ug/L	
Xylenes (total)	ND	0.50	ug/L	
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)		

#### Client Sample ID: LYONS-5S91W-31

### GC Volatiles

Lot-Sample #...: D6H070187-004 Work Order #...: JAR2K1AR Matrix.....: WATER

 Date Sampled...:
 08/02/06
 14:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/10/06
 Analysis Date...:
 08/10/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 23:36

Dilution Factor: 1

		REPORTING	<del>]</del>
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115	5)

### Client Sample ID: ELDERKIN-5S91W-30

#### GC Volatiles

Lot-Sample #: D6H070187-005	Work Order #: JAR2M1AR	Matrix WATER
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 Date Sampled...:
 08/02/06
 12:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/10/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 00:13

Dilution Factor: 1

		REPORTING	3
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115	<del>()</del>

# Client Sample ID: FAZZI-5S91W-32

### GC Volatiles

Lot-Sample #: D6H070187-00	6 Work Order #: JAR2N1AR	Matrix WATER
Date Sampled: 08/02/06 09:	20 Date Received: 08/07/06	
Prep Date: 08/10/06	Analysis Date: 08/11/06	
Prep Batch #: 6223385	Analysis Time: 00:49	
Dilution Factor: 1	-	

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	uq/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)	_

### Client Sample ID: ORTON-5S91W-31

### GC Volatiles

Lot-Sample #:	D6H070187-007	Work Order #:	JAR201AR	Matrix	WATER
Date Sampled:	08/02/06 13:30	Date Received:	08/07/06		***************************************
Prep Date:		Analysis Date:			
Prep Batch #:		Analysis Time:	•		

Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)	•

#### Client Sample ID: SALB-6S93W-12

### GC Volatiles

Lot-Sample #:	D6H070187-008	Work Order #:	JAR2T1AR	Matrix WATER
Date Sampled:	08/02/06 10:30	Date Received:	08/07/06	
Pren Date •	08/10/06	Analysis Date .	00/11/06	

 Prep Date....:
 08/10/06
 Analysis Date..:
 08/11/06

 Prep Batch #...:
 6223385
 Analysis Time..:
 02:01

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)	_

### Client Sample ID: URBAN-5S92W-33

#### GC Volatiles

Lot-Sample #: D6H070187-009	Work Order #: JAR2W1AR	Matrix WATER
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 Date Sampled...:
 08/03/06
 13:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/10/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 02:37

Dilution Factor: 1

		REPORTING	G
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	<u></u>

### Client Sample ID: GREEN-6S93W-11

#### GC Volatiles

Lot-Sample #: D6H070187-010	Work Order #: JAR2X1AR	Matrix WATER

 Date Sampled...:
 08/02/06
 11:25
 Date Received...:
 08/07/06

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 14:26

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115	<u>)</u>

# Client Sample ID: SHOUP-6S93W-10

### GC Volatiles

Lot-Sample #:	D6H070187-011	Work Order #:	JAR201AR	Matrix:	ርዝጥ Δ
Date Sampled:	08/02/06 16:00	Date Received:	08/07/06		MITTIN
Prep Date:		Analysis Date:			

Prep Batch #...: 6226569 Analysis Time..: 16:14

Dilution Factor: 1

Method:	SW846	8021B

PARAMETER  Benzene Ethylbenzene Methyl tert-butyl ether Toluene m-Xylene & p-Xylene o-Xylene	RESULT ND ND ND ND ND ND ND	REPORTING LIMIT 0.50 0.50 5.0 0.50 0.50 0.50	UNITS ug/L ug/L ug/L ug/L
o-Xylene Xylenes (total)	ND ND	0.50 0.50	ug/L
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	ug/L
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)	•

### Client Sample ID: ALLEN-5S92W-30

#### GC Volatiles

Lot-Sample #: D6H070187-012	Work Order #: JAR221AR	Matrix WATER
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 Date Sampled...:
 08/04/06
 13:00
 Date Received...:
 08/07/06

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 16:50

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Coluene	ND	0.50	ug/L
n-Xylene & p-Xylene	ND	0.50	ug/L
-Xylene	ND	0.50	ug/L
ylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
URROGATE	RECOVERY	LIMITS	_
,a,a-Trifluorotoluene (TFT)	95	(85 - 115)	-

#### Client Sample ID: TREU-5S92W-32

#### GC Volatiles

Lot-Sample #: D6H070187-01:	Work Order #: JAR231AR	Matrix WATER
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 Date
 Sampled...:
 08/04/06
 10:45
 Date Received...:
 08/07/06

 Prep
 Date....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep
 Batch #...:
 6226569
 Analysis Time...:
 17:25

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115	<u> </u>

### Client Sample ID: LOWD-5S92W-33

### **GC Volatiles**

Lot-Sample #: D6H070187-014	Work Order #: JAR251AR	Matrix WATER
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 Date Sampled...:
 08/04/06
 14:45
 Date Received...:
 08/07/06

 Prep Date....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 18:01

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115	<del></del>

#### Client Sample ID: CHENO-6S91W-5

### GC Volatiles

Lot-Sample #:	D6H070187-015	Work Order	#: JAR271AR	Matrix:	WATER
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 Date Sampled...:
 08/04/06
 11:30
 Date Received...:
 08/07/06

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 19:13

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	<u>LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 11	.5)

## Client Sample ID: TALBOTT-6S91W-4

### GC Volatiles

Lot-Sample #:	D6H070187-016	Work	Order #:	JAR281AR	Matrix	WATER
Date Sampled:	08/03/06 11:15	Date	Received:	08/07/06		

 Prep Date....:
 08/11/06
 Analysis Date...
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...
 19:48

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115)	-

### Client Sample ID: COPE-6S91W-2

### GC Volatiles

Lot-Sample #:	D6H070187-017	Work	Order	#:	JAR3A1AR	Matrix:	WATER
Data damai - 1	22/24/25		_	_			

 Date Sampled...:
 08/04/06
 14:40
 Date Received...:
 08/07/06

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 20:24

Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	93	(85 - 115)	•

### Client Sample ID: HUGHES-6S91W-4

#### GC Volatiles

Lot-Sample #: D6H070187-018	Work Order #: JAR3C1AR	Matrix WATER
Date Sampled: 08/03/06 12:36	Date Received: 08/07/06	
Prep Date: 08/11/06	Analysis Date: 08/11/06	
<b>Prep Batch #:</b> 6226569	Analysis Time: 21:00	
Dilution Factor: 1		
	Method: SW846 8021B	

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115)	-

### Client Sample ID: BRE-6S93W-11

#### GC Volatiles

Lot-Sample #: D6H070187-019	Work Order #: JAR3E1AR	Matrix WATER
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 Date Sampled...:
 08/02/06
 14:30
 Date Received...
 08/07/06

 Prep Date....:
 08/11/06
 Analysis Date...
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...
 21:35

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115	)

## Client Sample ID: TRIP BLANK

## GC Volatiles

Lot-Sample #: D6H070187-020	Work Order #: JAR3F1AA	Matrix WATER
Date Sampled: 08/04/06	Date Received: 08/07/06	
<pre>Prep Date: 08/11/06</pre>	Analysis Date: 08/11/06	
Prep Batch #: 6226569	Analysis Time: 22:11	
Dilution Factor: 1		
	Method SW846 8021B	

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)	_ }

## Client Sample ID: MURPH-6S92W-6

#### TOTAL Metals

Lot-Sample #...: D6H070187-001 Matrix....: WATER

Date Sampled...: 08/02/06 14:00 Date Received..: 08/07/06

		REPORTING	<b>;</b>			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Prep Batch #			•_				
Calcium	140000	200	ug/L		200.7	08/09-08/10/06	JAR101AW
		Dilution Facto	or: 1	Analysis	Time: 11:50		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR101AX
		Dilution Facto	or: 1	Analysis	Time: 11:50		
Magnesium	170000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR101A0
		Dilution Facto	or: 1	Analysis	Time: 11:50		
Potassium	6100	3000	/T	MOREWA			
LOCABBILL	0100	Dilution Facto	ug/L		200.7	08/09-08/10/06	JAR101A1
		DITUCION FACE	or: I	Analysis	Time: 11:50		
Sodium	380000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR101A2
		Dilution Facto	or: 1	Analysis	Time: 11:50		
Prep Batch #	: 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR101AN
		Dilution Facto	or: 1	Analysis	Time: 04:38		
Barium	30	1.0	/T	MOSTAT		22/22 22/23/23	
Darran	30	Dilution Facto	ug/L		200.8	08/09-08/16/06	JAR101AP
		DITUCTOR FACE	Dr: T	Analysis	Time: 04:38		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR101AQ
		Dilution Facto	or: 1	Analysis	Time: 04:38		
Chromium	ND	3.0	uq/L	MCAMM	200.8	08/09-08/16/06	.T7\D1017D
		Dilution Facto	٥,		Time: 04:38	08/09-08/18/08	UARIUIAR
			_	121017010	11mc 01.50		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR101AT
		Dilution Facto	or: 1	Analysis	Time: 04:38		
Manganese	2.0	1.0	uq/L	МСУП	200.8	08/09-08/16/06	TAD101317
J		Dilution Facto	<b>-</b>		200.8 Time: 04:38	00/03-08/10/06	UAKTULAU
			· <del>-</del>	1010	01.30		
Selenium	35	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR101AV
		Dilution Facto	or: 1	Analysis	Time: 04:38		

### Client Sample ID: SCHOUTEN-6S92W-5

### TOTAL Metals

Lot-Sample #...: D6H070187-002 Matrix....: WATER

Date Sampled...: 08/02/06 09:30 Date Received..: 08/07/06

_							
		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #			_				
Calcium	89000	200	ug/L		200.7	08/09-08/10/06	JAR181A2
		Dilution Facto	r: 1	Analysis	: Time: 12:09		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR181A3
		Dilution Facto	r: 1	Analysis	Time: 12:09		
Magnesium	60000	200	uq/L	MCAWW	200.7	08/09-08/10/06	JAR181AA
		Dilution Facto	<b>J</b> .		Time: 12:09	00,00 00,10,00	O.M.LOLLII
Potassium	3700	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR181AC
		Dilution Facto	r: 1	Analysis	Time: 12:09		
Sodium	200000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR181AD
		Dilution Facto		Analysis	Time: 12:09	, , ,	
Prep Batch #	• 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	.ፐሊፒን የ1 አጥ
		Dilution Facto			Time: 04:42	00,00 00,10,00	OMETOTAL
_				_			
Barium	11	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR181AU
		Dilution Facto	r: 1	Analysis	Time: 04:42		
Cadmium	ND	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	TAP191AT7
		Dilution Facto	J.		Time: 04:42	00/03 00/10/00	CARTOTAV
				-			
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR181AW
		Dilution Facto	r: 1	Analysis	Time: 04:42		
Lead	ND	1.0	uq/L	MC 7 TATTAT	200.8	08/09-08/16/06	TAD10131
		Dilution Facto	J.		Time: 04:42	08/03-08/18/08	UARIOIAA
				IMMEYBEB	11MC 01.12		
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR181A0
	٠	Dilution Factor	r: 1	Analysis	Time: 04:42	•	
Selenium	7.8	F 0	/r				
DETCHTIM	7.8	5.0	ug/L		200.8	08/09-08/16/06	JAR181A1
		Dilution Factor	r: 1.	Analysis	Time: 04:42		

## Client Sample ID: NESBIT-6S92W-6

### TOTAL Metals

Lot-Sample #...: D6H070187-003 Matrix....: WATER

Date Sampled...: 08/02/06 10:45 Date Received..: 08/07/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch # Calcium	: 6219529 100000	200 Dilution Factor	<b>ug/L</b> r: 1		200.7 Time: 12:13	08/09-08/10/06	JAR2J1A2
Iron	ND	100 Dilution Facto	ug/L r: 1		200.7 Time: 12:13	08/09-08/10/06	JAR2J1A3
Magnesium	59000	200 Dilution Factor	<b>ug/L</b> r: 1		200.7 Time: 12:13	08/09-08/10/06	JAR2J1AA
Potassium	ND	3000 Dilution Factor	ug/L r: 1		200.7 Time: 12:13	08/09-08/10/06	JAR2J1AC
Sodium	170000	5000 Dilution Factor	<b>ug/L</b> r: 1		200.7 Time: 12:13	08/09-08/10/06	JAR2J1AD
Prep Batch #	: 6219540						
Arsenic	ND	5.0 Dilution Factor	ug/L r: 1		200.8 Time: 05:00	08/09-08/16/06	JAR2J1AT
Barium	19	1.0 Dilution Factor	<b>ug/L</b> r: 1		200.8 Time: 05:00	08/09-08/16/06	JAR2J1AU
Cadmium	ND	1.0 Dilution Factor	ug/L r: 1	MCAWW Analysis	200.8 Time: 05:00	08/09-08/16/06	JAR2J1AV
Chromium	ND	3.0 Dilution Factor	ug/L r: 1	MCAWW Analysis	200.8 Time: 05:00	08/09-08/16/06	JAR2J1AW
Lead	ND	1.0 Dilution Factor	ug/L c: 1	MCAWW Analysis	200.8 Time: 05:00	08/09-08/16/06	JAR2J1AX
Manganese	ND	1.0 Dilution Factor	ug/L :: 1	MCAWW Analysis	200.8 Time: 05:00	08/09-08/16/06	JAR2J1A0
Selenium	7.2	5.0 Dilution Factor	<b>ug/L</b> :: 1	MCAWW Analysis	200.8 Time: 05:00	08/09-08/16/06	JAR2J1A1

### Client Sample ID: LYONS-5S91W-31

#### TOTAL Metals

Lot-Sample #...: D6H070187-004 Matrix....: WATER

Date Sampled...: 08/02/06 14:30 Date Received..: 08/07/06

		REPORTING	<b>;</b>			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO!	D	ANALYSIS DATE	ORDER #
Prep Batch #	. 6219529						
Calcium	60000	200	uq/L	MCAWW	200.7	08/09-08/10/06	JAR2K1A2
		Dilution Fact	<b>-</b>		Time: 12:18	10, 10 11, 11, 10	<del></del>
Iron	ND	100	ug/L		200.7	08/09-08/10/06	JAR2K1A3
		Dilution Facto	or: 1	Analysis	Time: 12:18		
Magnesium	30000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2K1AA
		Dilution Fact	or: 1	Analysis	Time: 12:18		
			1				
Potassium	ND	3000	ug/L		200.7	08/09-08/10/06	JAR2K1AC
		Dilution Facto	or: 1	Analysis	Time: 12:18		
Sodium	180000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2K1AD
		Dilution Facto	or: 1	Analysis	Time: 12:18		
Prep Batch #	• 6219540						
Arsenic	ND	5.0	uq/L	MCAWW	200.8	08/09-08/16/06	TAR2K1AT
		Dilution Fact	٥.		Time: 05:03	00,00 00,10,00	
_							
Barium	14	1.0	ug/L		200.8	08/09-08/16/06	JAR2K1AU
		Dilution Facto	or: 1	Analysis	Time: 05:03		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2K1AV
		Dilution Fact	or: 1	Analysis	Time: 05:03		
en			,				
Chromium	ND	3.0	ug/L		200.8	08/09-08/16/06	JAR2K1AW
		Dilution Facto	or: 1	Analysis	Time: 05:03		
Lead	ND	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	JAR2K1AX
		Dilution Fact	or: 1	Analysis	Time: 05:03		
24							
Manganese	23	1.0	ug/L		200.8	08/09-08/16/06	JAR2K1A0
		Dilution Fact	or: 1	Analysis	Time: 05:03		
Selenium	9.1	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2K1A1
		Dilution Facto	or: 1	Analysis	Time: 05:03		

### Client Sample ID: ELDERKIN-5S91W-30

#### TOTAL Metals

Lot-Sample #...: D6H070187-005 Matrix....: WATER

Date Sampled...: 08/02/06 12:30 Date Received..: 08/07/06

		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #							
Calcium	84000	200	ug/L		200.7	08/09-08/10/06	JAR2M1A2
		Dilution Facto	r: 1	Analysis	Time: 12:22		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2M1A3
		Dilution Facto	r: 1	Analysis	Time: 12:22		
Magnesium	59000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2M1AA
		Dilution Facto	r: 1	Analysis	Time: 12:22		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2M1AC
		Dilution Facto	or: 1	Analysis	Time: 12:22		
Sodium	25000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2M1AD
		Dilution Facto	or: 1	Analysis	Time: 12:22		
Prep Batch #	: 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2M1AT
		Dilution Facto	or: 1	Analysis	Time: 05:07		
Barium	17	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2M1AU
		Dilution Facto	or: 1	Analysis	Time: 05:07		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2M1AV
		Dilution Facto	5.		Time: 05:07	00,02 00,20,00	
Chromium	3.5	3.0	uq/L	MC'A tata	200.8	08/09-08/16/06	TADOM1 AU
CIII OILLE CIII	3.3	Dilution Facto	3.		Time: 05:07	08/09-08/16/06	UARZMIAW
		Directon reco		MIGLYSLS	11Me 05.07		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2M1AX
		Dilution Facto	r: 1	Analysis	Time: 05:07		
Manganese	1.4	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2M1A0
		Dilution Facto	r: 1	Analysis	Time: 05:07		
Selenium	ND	5.0	uq/L	MCAWW	200.8	08/09-08/16/06	TAR2M1 1
		Dilution Facto	٥.		Time: 05:07	22,02 00,20,00	
				-			

## Client Sample ID: FAZZI-5S91W-32

#### TOTAL Metals

Lot-Sample #...: D6H070187-006 Matrix....: WATER

Date Sampled...: 08/02/06 09:20 Date Received..: 08/07/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	*****	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch # Calcium	: 6219529 <b>32000</b>	200 Dilution Facto	ug/L pr: 1	MCAWW 200	-	08/09-08/10/06	JAR2N1A2
Iron	ND	100 Dilution Facto	ug/L or: 1	MCAWW 200		08/09-08/10/06	JAR2N1A3
Magnesium	1100	200 Dilution Facto	ug/L or: 1	MCAWW 200 Analysis Time		08/09-08/10/06	JAR2N1AA
Potassium	ND	3000 Dilution Facto	ug/L or: 1	MCAWW 200		08/09-08/10/06	JAR2N1AC
Sodium	600000	5000 Dilution Facto	<b>ug/L</b> or: 1	MCAWW 200		08/09-08/10/06	JAR2N1AD
Prep Batch #	: 6219540						
Arsenic	9.8	5.0 Dilution Facto	ug/L or: 1	MCAWW 200 Analysis Time		08/09-08/16/06	JAR2N1AT
Barium	16	1.0 Dilution Facto	<b>ug/L</b> or: 1	MCAWW 200 Analysis Time		08/09-08/16/06	JAR2N1AU
Cadmium	ND	1.0 Dilution Facto	ug/L or: 1	MCAWW 200		08/09-08/16/06	JAR2N1AV
Chromium	ND	3.0 Dilution Facto	ug/L or: 1	MCAWW 200		08/09-08/16/06	JAR2N1AW
Lead	1.0	1.0 Dilution Facto	ug/L or: 1	MCAWW 200		08/09-08/16/06	JAR2N1AX
Manganese	3.7	1.0 Dilution Facto	ug/L or: 1	MCAWW 200 Analysis Time		08/09-08/16/06	JAR2N1A0
Selenium	290	5.0 Dilution Facto	ug/L or: 1	MCAWW 200 Analysis Time		08/09-08/16/06	JAR2N1A1

### Client Sample ID: ORTON-5S91W-31

#### TOTAL Metals

Lot-Sample #...: D6H070187-007 Matrix....: WATER

Date Sampled...: 08/02/06 13:30 Date Received..: 08/07/06

		REPORTING	<b>;</b>			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Drop Potah #	- 6210520						
Prep Batch # Calcium	63000	200	uq/L	MCATA	200.7	00/00 00/10/00	T3D20132
COLCIUM	03000	Dilution Facto	-		ZUU./ Time: 12:45	08/09-08/10/06	JARZQ1AZ
			J. 1	marysis	11me 12.45		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR201A3
		Dilution Facto	or: 1	Analysis	Time: 12:45	, , ,	_
			_				
Magnesium	53000	200	ug/L		200.7	08/09-08/10/06	JAR2Q1AA
		Dilution Facto	or: 1	Analysis	: Time: 12:45		
Potassium	3300	3000	ug/L	MCAWW	200.7	08/09-08/10/06	TAD2013/C
	3300	Dilution Facto			Time: 12:45	08/09-08/10/08	UARZQIAC
					11.13		
Sodium	110000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2Q1AD
		Dilution Facto	or: 1	Analysis	Time: 12:45		
Prep Batch #	- 6210540						
Arsenic	ND	5.0	11 <i>0</i> /T	አለረግ አ ፕሬፕሬፕ	200.8	00/00 00/16/06	T7 700017 E
111 DCIII C	ND	Dilution Factor	ug/L		200.8 Time: 05:14	08/09-08/16/06	JAR2QIAT
		Direction race	JI. I	Anarysis	11me: 05:14		
Barium	15	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	JAR201AU
		Dilution Facto	or: 1	Analysis	Time: 05:14	• • •	~
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2Q1AV
		Dilution Facto	or: 1	Analysis	Time: 05:14		
Chromium	ND	3.0	11 <i>c</i> /T	NACOTA TATLI	200 0	00/00 00/16/06	T3 D0 04 3 T4
CIII OIIII UIII	MD	Dilution Facto	ug/L		200.8 Time: 05:14	08/09-08/16/06	JAR2Q1AW
		Dilucion Pacco	<i>.</i>	Audiysis	11Me: 05:14		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201AX
		Dilution Facto	or: 1	Analysis	Time: 05:14	,,,	~×
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2Q1A0
		Dilution Facto	r: 1	Analysis	Time: 05:14		
Selenium	7.6	5.0	/T	MORETTA	200 0	00/00 00/15/55	W1700411-
	7.0	5.0 Dilution Facto	ug/L		200.8	08/09-08/16/06	JAR2Q1A1
		DIAGLON FACIL	л. т	wharksiz	Time: 05:14		

### Client Sample ID: SALB-6S93W-12

#### TOTAL Metals

Lot-Sample #...: D6H070187-008 Matrix....: WATER

Date Sampled...: 08/02/06 10:30 Date Received..: 08/07/06

		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #	• 6219529						
Calcium	94000	200	ug/L	MCAWW	200.7	08/09-08/10/06	.TAP241742
	3 2000	Dilution Facto	_		Time: 12:49	00/05-00/10/00	UAKZIIAZ
		222000000000000000000000000000000000000	~• ~	1210117010	11110 12.45		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2T1A3
		Dilution Facto	r: 1	Analysis	Time: 12:49		
Magnesium	57000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2T1AA
		Dilution Facto	r: 1	Analysis	Time: 12:49		
- ·							
Potassium	4700	3000	ug/L		200.7	08/09-08/10/06	JAR2T1AC
		Dilution Facto	r: 1	Analysis	Time: 12:49		
Sodium	390000	5000	uq/L	3.6C13.1010	200 7	00/00 00/10/06	T3 D 0 M 1 3 D
DOCTURE	3,0000	Dilution Facto	٠.		200.7	08/09-08/10/06	JARZTIAD
		Direction Facto	T: T	Anarysis	Time: 12:49		
Prep Batch #	.: 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2T1AT
		Dilution Facto	r: 1	Analysis	Time: 05:18	,,	
				_			
Barium	25	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2T1AU
		Dilution Facto	r: 1	Analysis	Time: 05:18		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2T1AV
		Dilution Facto	r: 1	Analysis	Time: 05:18		
Chromium	ND	3.0	22 cm / T	N & COLON TUTTOT	200 0	00/00 00/06/06	T7 70 0 0 0 1 1 1 1
CIII OIIII CIII	IND	Dilution Facto	ug/L		200.8	08/09-08/16/06	JAR2TIAW
		Dilucion Facto	τ: τ	Analysis	Time: 05:18		
Lead	ND	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	ΤΑΡΟΨΊΑΥ
		Dilution Facto	J.		Time: 05:18	00,00 00,10,00	011112 1 11111
			_	·			
Manganese	690	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2T1A0
		Dilution Facto	r: 1	Analysis	Time: 05:18		
Selenium	8.7	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2T1A1
		Dilution Factor	r: 1	Analysis	Time: 05:18		

### Client Sample ID: URBAN-5S92W-33

#### TOTAL Metals

Lot-Sample #...: D6H070187-009
Date Sampled...: 08/03/06 13:30 Date Received..: 08/07/06

PARAMETER	RESULT	REPORT]	_	Maria	_	PREPARATION-	WORK
LAKANETEK	KESOTI	LIMIT_	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #	- 6219529						
Calcium	48000	200	ug/L	MCAWW	200.7	08/09-08/10/06	.TAR2W1A2
		Dilution Fa	•		Time: 12:54	00,03 00,10,00	OHIZMINZ
				-			
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR2W1A3
		Dilution Fa	actor: 1	Analysis	Time: 12:54		
**							
Magnesium	37000	200	ug/L		200.7	08/09-08/10/06	JAR2W1AA
		Dilution Fa	actor: 1	Analysis	Time: 12:54		
Potassium	ND	3000	uq/L	MC3 tata	200.7	00/00 00/10/06	T
	ND	Dilution Fa	٠.		200.7 Time: 12:54	08/09-08/10/06	JAR2WIAC
		2220201		MIGLYSES	11me 12:54		
Sodium	74000	5000	uq/L	MCAWW	200.7	08/09-08/10/06	JAR2W1AD
		Dilution Fa	actor: 1	Analysis	Time: 12:54	, , ,	
Prep Batch #							
Arsenic	ND	5.0	ug/L		200.8	08/09-08/16/06	JAR2W1AT
		Dilution Fa	ctor: 1	Analysis	Time: 05:21		
Barium	22	1.0	uq/L	MCALITY	200.8	00/00 00/15/05	TA DOMA A T
		Dilution Fa	٠.		ZUU.8 Time: 05:21	08/09-08/16/06	JARZWIAU
				Anarysis	11Me 05:21		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	TAR2W1AV
		Dilution Fa	ctor: 1	Analysis	Time: 05:21	,,,	
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2W1AW
		Dilution Fa	ctor: 1	Analysis	Time: 05:21		
Lead	ATTO		/-				
Lieau	ND	1.0	ug/L	MCAWW	· -	08/09-08/16/06	JAR2W1AX
		Dilution Fa	ctor: 1	Analysis	Time: 05:21		
Manganese	2.2	1.0	ug/L	MCAWW	200 8	00/00-00/16/06	TADOUTANO
<b>J</b>		Dilution Fa	٠.		200.8 Time: 05:21	08/09-08/16/06	JAK2W1A0
		ra		marysis	11me: 05:21		
Selenium	7.9	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR2W1A1
		Dilution Fa	ctor: 1		Time: 05:21	, == ==, ==, 00	one trace of the dark shalls
				=			

#### Client Sample ID: GREEN-6S93W-11

#### TOTAL Metals

Lot-Sample #...: D6H070187-010 Matrix....: WATER Date Sampled...: 08/02/06 11:25 Date Received..: 08/07/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6219529 Calcium 72000 200 uq/L MCAWW 200.7 08/09-08/10/06 JAR2X1A2 Dilution Factor: 1 Analysis Time..: 12:58 Iron ND 100 uq/L MCAWW 200.7 08/09-08/10/06 JAR2X1A3 Dilution Factor: 1 Analysis Time..: 12:58 Magnesium 47000 200 MCAWW 200.7 ug/L 08/09-08/10/06 JAR2X1AA Dilution Factor: 1 Analysis Time..: 12:58 Potassium 3900 3000 uq/L MCAWW 200.7 08/09-08/10/06 JAR2X1AC Dilution Factor: 1 Analysis Time..: 12:58 Sodium 310000 5000 uq/L MCAWW 200.7 08/09-08/10/06 JAR2X1AD Dilution Factor: 1 Analysis Time..: 12:58 Prep Batch #...: 6219540 Arsenic ND 5.0 ua/L MCAWW 200.8 08/09-08/16/06 JAR2X1AT Dilution Factor: 1 Analysis Time..: 05:25 Barium 25 1.0 MCAWW 200.8 ug/L 08/09-08/16/06 JAR2X1AU Dilution Factor: 1 Analysis Time..: 05:25 Cadmium ND 08/09-08/16/06 JAR2X1AV 1.0 ug/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 05:25 Chromium ND 3.0 ug/L MCAWW 200.8 08/09-08/16/06 JAR2X1AW Dilution Factor: 1 Analysis Time..: 05:25 Lead ND 1.0 ug/L MCAWW 200.8 08/09-08/16/06 JAR2X1AX Dilution Factor: 1 Analysis Time..: 05:25 Manganese 250 1.0 ug/L MCAWW 200.8 08/09-08/16/06 JAR2X1A0 Dilution Factor: 1 Analysis Time..: 05:25 Selenium ND 5.0 uq/L MCAWW 200.8 08/09-08/16/06 JAR2X1A1 Dilution Factor: 1 Analysis Time..: 05:25

### Client Sample ID: SHOUP-6S93W-10

#### TOTAL Metals

Lot-Sample #...: D6H070187-011 Matrix....: WATER

Date Sampled...: 08/02/06 16:00 Date Received..: 08/07/06

		REPORTING			PREPARATION-	WORK	
PARAMETER	RESULT	LIMIT	UNITS	METHO	<u>D</u>	ANALYSIS DATE	ORDER #
Prep Batch #	: 6219529						
Calcium	130000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR201A2
		Dilution Facto	or: 1	Analysis	Time: 13:03		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR201A3
		Dilution Facto	or: 1	Analysis	Time: 13:03		
Magnesium	75000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR201AA
		Dilution Facto	or: 1	Analysis	Time: 13:03		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR201AC
		Dilution Facto	or: 1	Analysis	Time: 13:03		
Sodium	31000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR201AD
		Dilution Facto	or: 1	Analysis	Time: 13:03		
Prep Batch #	: 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201AT
		Dilution Facto	or: 1	Analysis	Time: 05:36		
Barium	13	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201AU
		Dilution Facto	or: 1	Analysis	Time: 05:36		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201AV
		Dilution Facto	r: 1	Analysis	Time: 05:36		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201AW
		Dilution Facto	r: 1	Analysis	Time: 05:36		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201AX
		Dilution Facto	r: 1	Analysis	Time: 05:36		
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR201A0
		Dilution Facto	r: 1	Analysis	Time: 05:36	·	
Selenium	7.5	5.0	uq/L	MCAWW	200.8	08/09-08/16/06	.TAR20121
		Dilution Facto	-		Time: 05:36	,,,,,,,,,	

### Client Sample ID: ALLEN-5S92W-30

#### TOTAL Metals

Lot-Sample #...: D6H070187-012 Matrix....: WATER

Date Sampled...: 08/04/06 13:00 Date Received..: 08/07/06

		REPORTING					WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #	: 6219529						
Calcium	160000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR221A2
		Dilution Facto	or: 1	Analysis	Time: 13:07		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR221A3
		Dilution Facto	or: 1	Analysis	Time: 13:07		
Magnesium	65000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR221AA
		Dilution Facto	or: 1	Analysis	Time: 13:07		
Potassium	4300	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR221AC
		Dilution Facto	<del>-</del> ·		Time: 13:07	,	
Sodium	320000	5000	uq/L	MCAWW	200.7	08/09-08/10/06	TAR221AD
		Dilution Facto	٥.		Time: 13:07	00,00 00,20,00	
Prep Batch #	: 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR221AT
		Dilution Facto	or: 1	Analysis	Time: 05:39		
Barium	31	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR221AU
		Dilution Facto	or: 1	Analysis	Time: 05:39		
Cadmium	ND	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	JAR221AV
		Dilution Facto	or: 1	Analysis	Time: 05:39	,	
Chromium	ND	3.0	uq/L	MCAWW	200.8	08/09-08/16/06	TAR221AW
		Dilution Facto	J.		Time: 05:39	00,00 00,20,00	
Lead	1.1	1.0	uq/L	MC2 NOW	200.8	08/09-08/16/06	T3D2013W
ncaa	1.1	Dilution Facto	J.		Z00.8 Time: 05:39	08/09-08/16/06	UARZZIAX
Man			•				
Manganese	3.3	1.0 Dilution Facto	ug/L		200.8 Time: 05:39	08/09-08/16/06	JAR221A0
			· ·	THOTASIS	11me 05:39		
Selenium	9.8	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR221A1
		Dilution Facto	or: 1	Analysis	Time: 05:39		

### Client Sample ID: TREU-5S92W-32

#### TOTAL Metals

Lot-Sample #...: D6H070187-013 Matrix....: WATER

Date Sampled...: 08/04/06 10:45 Date Received..: 08/07/06

		REPORTING	<del>]</del>			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
		7				-	
Prep Batch #							
Calcium	170000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR231A2
,		Dilution Fact	or: 1	Analysis	Time: 13:12		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR231A3
		Dilution Fact	or: 1	Analysis	Time: 13:12		
Magnesium	160000	200	uq/L	MCAWW	200.7	08/09-08/10/06	TAR231AA
		Dilution Facto	-		Time: 13:12	00,00 00,20,00	
				<b>.</b>			
Potassium	12000	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR231AC
		Dilution Facto	or: 1	Analysis	Time: 13:12		
Sodium	1500000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR231AD
		Dilution Facto	or: 1	Analysis	Time: 13:12		
Prep Batch #	- 6010540						
Arsenic	6.6	5.0	uq/L	MC A Talla	200.8	00/00 00/15/05	77700177
in bonic	0.0	Dilution Facto	Ψ.		Z00.8 Time: 05:43	08/09-08/16/06	JAR231AT
,		Directon race	JI. I	Anarysis	11me: 05:43		
Barium	6.6	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR231AU
		Dilution Facto	or: 1		Time: 05:43		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR231AV
		Dilution Facto	or: 1	Analysis	Time: 05:43		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR231AW
		Dilution Facto	or: 1	Analysis	Time: 05:43		
Lead	ND	1.0	ug/L		200.8	08/09-08/16/06	JAR231AX
		Dilution Facto	or: 1	Analysis	Time: 05:43		
Manganese	4.9	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	TAR231A0
		Dilution Facto	٠.		Time: 05:43	22, 22 23, 23, 00	
g - 3 !							
Selenium	100	5.0	ug/L		200.8	08/09-08/16/06	JAR231A1
		Dilution Facto	or: 1	Analysis	Time: 05:43		

### Client Sample ID: LOWD-5S92W-33

#### TOTAL Metals

Lot-Sample #...: D6H070187-014 Matrix....: WATER

Date Sampled...: 08/04/06 14:45 Date Received..: 08/07/06

		REPORTING	3			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Prep Batch #							
Calcium	100000	200	ug/L		200.7	08/09-08/10/06	JAR251A2
		Dilution Fact	or: 1	Analysis	Time: 13:17		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR251A3
		Dilution Fact	or: 1	Analysis	Time: 13:17		
Magnesium	83000	200	սց/L	MCAWW	200.7	08/09-08/10/06	JAR251AA
		Dilution Fact	or: 1	Analysis	Time: 13:17		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR251AC
		Dilution Fact	or: 1	Analysis	Time: 13:17	, , ,	
Sodium	60000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR251AD
		Dilution Fact	or: 1	Analysis	Time: 13:17		
Prep Batch #	: 6219540						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR251AT
		Dilution Fact	or: 1	Analysis	Time: 05:46		
Barium	19	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR251AU
		Dilution Facto	or: 1	Analysis	Time: 05:46		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR251AV
		Dilution Facto	or: 1	Analysis	Time: 05:46	, , ,	
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR251AW
		Dilution Facto	or: 1		Time: 05:46	, , , , , , , , ,	
Lead	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR251AX
		Dilution Facto	or: 1	Analysis	Time: 05:46	, ., .,,	
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR251A0
		Dilution Facto	or: 1		Time: 05:46	22, 22 22, 23, 00	
Selenium	7.1	5.0	uq/L	MCAWW	200.8	08/09-08/16/06	.ፐልኮጋፍ1አ1
		Dilution Facto	٠.		Time: 05:46	20,00 00,10,00	ME J LEAT

### Client Sample ID: CHENO-6S91W-5

#### TOTAL Metals

Lot-Sample #...: D6H070187-015 Matrix....: WATER

Date Sampled...: 08/04/06 11:30 Date Received..: 08/07/06

		REPORTING	<del>1</del>			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOI		ANALYSIS DATE	ORDER #
Prep Batch #							
Calcium	87000	200	ug/L	MCAWW		08/09-08/10/06	JAR271A2
		Dilution Fact	or: 1	Analysis	Time: 13:21		
Iron	ND	100	ug/L	MCAWW	200.7	08/09-08/10/06	JAR271A3
		Dilution Fact	or: 1	Analysis	Time: 13:21		
Magnesium	13000	200	uq/L	MCAWW	200.7	08/09-08/10/06	JAR271AA
-		Dilution Fact	or: 1	Analysis	Time: 13:21	,,,	
Potassium	ND	3000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR271AC
		Dilution Fact	or: 1	Analysis	Time: 13:21		
Sodium	9600	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR271AD
		Dilution Fact	or: 1	Analysis	Time: 13:21		
Prep Batch #	: 6219540						
Arsenic	ND	5.0	uq/L	MCAWW	200 8	08/09-08/16/06	.TAP271
		Dilution Fact	٥.		Time: 05:50	00/05 00/10/00	OHIZ/IHI
Barium	110	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR271AU
		Dilution Fact	or: 1	Analysis	Time: 05:50		
Cadmium	NID	1 0		34Cl 3 5.TL 1	000	00/00 00/15/05	
Cadiiidii	ND	1.0 Dilution Fact	ug/L	MCAWW		08/09-08/16/06	JAR271AV
		DITUCION FACE	or: 1	Analysis	Time: 05:50		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR271AW
		Dilution Fact	or: 1	Analysis	Time: 05:50		
Lead	ND	1.0	ug/L	MCAWW	<del>-</del>	08/09-08/16/06	JAR271AX
		Dilution Fact	or: 1	Analysis	Time: 05:50		
Manganese	1.3	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR271A0
		Dilution Fact	or: 1	Analysis	Time: 05:50		
Selenium	ND	F 0	/ <del>-</del>				
PCTCIITUII	תא	5.0	ug/L	MCAWW		08/09-08/16/06	JAR271A1
		Dilution Fact	or: 1	Analysis	Time: 05:50		

### Client Sample ID: TALBOTT-6S91W-4

#### TOTAL Metals

Lot-Sample #...: D6H070187-016 Matrix....: WATER

Date Sampled...: 08/03/06 11:15 Date Received..: 08/07/06

PARAMETER	RESULT	REPORTING LIMIT UNITS METHOD			PREPARATION- ANALYSIS DATE	WORK ORDER #		
	111111111111111111111111111111111111111		GIVETB			ANALISIS DAIE	ORDER #	
Prep Batch #: 6219529								
Calcium	85000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR281A2	
		Dilution Fact	or: 1	Analysis	Time: 13:39			
Iron	ND	100	ug/L		200.7	08/09-08/10/06	JAR281A3	
		Dilution Fact	or: 1	Analysis	Time: 13:39			
Magnesium	29000	200	ug/L	MCAWW	200.7	08/09-08/10/06	JAR281AA	
		Dilution Fact	or: 1	Analysis	Time: 13:39			
Potassium	ND	3000	ug/L		200.7	08/09-08/10/06	JAR281AC	
		Dilution Fact	or: 1	Analysis	Time: 13:39			
Sodium	18000	5000	ug/L	MCAWW	200.7	08/09-08/10/06	JAR281AD	
		Dilution Fact	or: 1	Analysis	Time: 13:39			
Prep Batch #								
Arsenic	ND	5.0	ug/L	MCAWW		08/09-08/16/06	JAR281AT	
		Dilution Fact	or: 1	Analysis	Time: 05:54			
Barium	52	1.0	uq/L	MCAWW	200.8	08/09-08/16/06	JAR281AU	
		Dilution Fact	or: 1	Analysis	Time: 05:54			
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR281AV	
		Dilution Fact	or: 1	Analysis	Time: 05:54	, , , , , ,		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR281AW	
		Dilution Fact	lution Factor: 1		Time: 05:54			
Lead	ND	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR281AX	
		Dilution Fact	or: 1	Analysis	Time: 05:54			
Manganese	5.5	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR281A0	
		Dilution Fact	or: 1	Analysis	Time: 05:54			
Selenium	ND	5.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR281A1	
		Dilution Fact	or: 1	Analysis	Time: 05:54	. ,		

# Client Sample ID: COPE-6S91W-2

### TOTAL Metals

Lot-Sample #: D6H070187-017  Date Sampled: 08/04/06 14:40 Date Received: 08/07/06						Matrix:	WATER
PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHO	DD_	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #	- 6219529						
Calcium	100000	<b>200</b> Dilution Factor	ug/L or: 1		7 200.7 S Time: 13:43	08/09-08/10/06	JAR3A1A2
Iron	ND	100 Dilution Facto	ug/L or: 1		200.7 Time: 13:43	08/09-08/10/06	JAR3A1A3
Magnesium	63000	200 Dilution Facto	<b>ug/L</b> or: 1		200.7 Time: 13:43	08/09-08/10/06	JAR3A1AA
Potassium	3200	3000 Dilution Facto	<b>ug/L</b> or: 1		200.7 Time: 13:43	08/09-08/10/06	JAR3A1AC
Sodium	150000	5000 Dilution Facto	ug/L or: 1		<b>200.7</b> Time: 13:43	08/09-08/10/06	JAR3A1AD
Prep Batch #	: 6219540						
Arsenic	ND	5.0 Dilution Facto	ug/L or: 1		200.8 Time: 05:57	08/09-08/16/06	JAR3A1AT
Barium	12	1.0 Dilution Facto	· <b>ug/L</b> or: 1		200.8 Time: 05:57	08/09-08/16/06	JAR3A1AU
Cadmium	ND	1.0 Dilution Facto	ug/L pr: 1		200.8 Time: 05:57	08/09-08/16/06	JAR3A1AV
Chromium	4.1	3.0 Dilution Facto	ug/L or: 1		200.8 Time: 05:57	08/09-08/16/06	JAR3A1AW
Lead	ND	1.0 Dilution Facto	ug/L or: 1	MCAWW Analysis	200.8 Time: 05:57	08/09-08/16/06	JAR3A1AX
Manganese	8.0	1.0 Dilution Facto	ug/L r: 1	MCAWW Analysis	<b>200.8</b> Time: 05:57	08/09-08/16/06	JAR3A1A0
Selenium	11	5.0 Dilution Facto	<b>ug/L</b> r: 1	MCAWW Analysis	200.8 Time: 05:57	08/09-08/16/06	JAR3A1A1

### Client Sample ID: HUGHES-6S91W-4

#### TOTAL Metals

Lot-Sample # Date Sampled	Matrix: WATER			
		REPORTING		PREPARATION- WORK
PARAMETER	RESULT	LIMIT UNITS	METHOD	ANALYSIS DATE ORDER #
Prep Batch #	• 6219529			
Calcium	79000	200 ug/L	MCAWW 200.7	08/09-08/10/06 JAR3C1A2
		Dilution Factor: 1	Analysis Time: 13:48	08/03-08/10/06 DAR3CIAZ
Iron	250	100		
TIOH	350	100 ug/L Dilution Factor: 1	MCAWW 200.7	08/09-08/10/06 JAR3C1A3
		Dilucion Factor: 1	Analysis Time: 13:48	
Magnesium	38000	200 ug/L	MCAWW 200.7	08/09-08/10/06 JAR3C1AA
		Dilution Factor: 1	Analysis Time: 13:48	10, 11 00, 10, 00 0111302111
Potassium	3.770			
POCASSIUM	ND	3000 ug/L Dilution Factor: 1	MCAWW 200.7	08/09-08/10/06 JAR3C1AC
		Dilution Factor: 1	Analysis Time: 13:48	
Sodium	15000	5000 ug/L	MCAWW 200.7	08/09-08/10/06 JAR3C1AD
		Dilution Factor: 1	Analysis Time: 13:48	10, 11 00, 10, 00 011100110
Prep Batch #	.: 6219540			
Arsenic	ND	5.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1AT
		Dilution Factor: 1	Analysis Time: 06:01	00/03 00/10/00 BARSCIAI
D				
Barium	23	1.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1AU
		Dilution Factor: 1	Analysis Time: 06:01	
Cadmium	ND	1.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1AV
		Dilution Factor: 1	Analysis Time: 06:01	00,00 00,10,00 DAKSCIAV
Clara a mail a a mail				
Chromium	ND	3.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1AW
		Dilution Factor: 1	Analysis Time: 06:01	
Lead	ND	1.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1AX
		Dilution Factor: 1	Analysis Time: 06:01	00/05 00/10/00 BARSCIAN
W				
Manganese	10	1.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1A0
		Dilution Factor: 1	Analysis Time: 06:01	
Selenium	ND	5.0 ug/L	MCAWW 200.8	08/09-08/16/06 JAR3C1A1
		Dilution Factor: 1	Analysis Time: 06:01	CO, CO CO, LO, CO CARSCIAI

### Client Sample ID: BRE-6S93W-11

#### TOTAL Metals

Lot-Sample #...: D6H070187-019 Matrix....: WATER

Date Sampled...: 08/02/06 14:30 Date Received..: 08/07/06

-	• •						
		REPORTING			PREPARATION-	WORK	
PARAMETER	RESULT	LIMIT UNITS		METHOD		ANALYSIS DATE	ORDER #
	-						
Prep Batch #	.: 6219529						
Calcium	75000	200 t	ug/L	MCAWW	200.7	08/09-08/10/06	JAR3E1A2
		Dilution Factor	: 1	Analysis	Time: 13:52		
			,				
Iron	ND		ug/L	MCAWW		08/09-08/10/06	JAR3E1A3
		Dilution Factor: 1 Analysis Time: 13:5			Time: 13:52		
Magnesium	46000	200 t	uq/L	MCZWW	200.7	08/09-08/10/06	.ፐልፑንፑ1 ልል
ragicoran	10000	Dilution Factor	3.		Time: 13:52	00/05 00/10/00	OIMSHILL
		2220201120002	•	111017515	11		
Potassium	3800	3000 ı	ug/L	MCAWW	200.7	08/09-08/10/06	JAR3E1AC
		Dilution Factor	: 1	Analysis	Time: 13:52		
Sodium	360000		ug/L		200.7	08/09-08/10/06	JAR3E1AD
		Dilution Factor	: 1	Analysis	Time: 13:52		
Prep Batch #	• 6219540						
Arsenic	ND	5.0 เ	uq/L	MCAWW	200.8	08/09-08/16/06	JAR3E1AT
		Dilution Factor	5.	- '	Time: 06:04	00,00 00,=0,00	* <del>*</del>
				4			
Barium	22	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR3E1AU
		Dilution Factor	: 1	Analysis	Time: 06:04		
Cadmium	ND		ug/L	MCAWW		08/09-08/16/06	JAR3E1AV
		Dilution Factor	: 1	Analysis	Time: 06:04		
Chromium	ND	3.0 t	uq/L	MCAWW	200 8	08/09-08/16/06	TAPSE1AW
CIII OME CIII	ND	Dilution Factor	٥.		Time: 06:04	00/03 00/10/00	OAKSEIAW
		Direction recoor	• 4	rmaryord	11.11.0 00.01		
Lead	2.0	1.0 n	ug/L	MCAWW	200.8	08/09-08/16/06	JAR3E1AX
		Dilution Factor	: 1	Analysis	Time: 06:04		
Manganese	90	1.0	ug/L	MCAWW	200.8	08/09-08/16/06	JAR3E1A0
		Dilution Factor	: 1	Analysis	Time: 06:04		
Colonium	NTD	F 0	/ <del>T</del>	1463	000	00/00 00/15/55	T3 D0 T4 T4
Selenium	ND		ug/L		200.8	08/09-08/16/06	JAR3E1A1
		Dilution Factor	: 1	Analysis	Time: 06:04		

### Client Sample ID: MURPH-6S92W-6

#### General Chemistry

Lot-Sample #...: D6H070187-001 Work Order #...: JAR10 Matrix.....: WATER Date Sampled...: 08/02/06 14:00 Date Received..: 08/07/06

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHO:	D	ANALYSIS DATE	BATCH #
pН	7.4	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Fac	tor: 1	Analysis	Time: 13:31		
Bicarbonate, as CaCO	490	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Fac	tor: 1	Analysis	Time: 10:00		
Bromide	0.68 G	0.40	mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Fac	tor: 2	Analysis	Time: 18:41		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Fac	tor: 1	Analysis	Time: 10:00		
Chloride	270 Q	30	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Fac	tor: 10	Analysis	Time: 01:16		
Fluoride	ND G	1.0	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Fac	tor: 2	Analysis	Time: 18:41		
Nitrate	2.3 G	1.0	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Fac	tor: 2	Analysis	Time: 18:41		
Nitrite	ND G	1.0	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Fac	tor: 2	Analysis	Time: 18:41		
Sulfate	960 Q	100	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Fac	tor: 20	Analysis	Time: 07:52		
Total Dissolved Solids	2400	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Fac	tor: 1	Analysis	Time: 16:00		
NOTE (S) -							

# NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: SCHOUTEN-6S92W-5

# General Chemistry

Lot-Sample #...: D6H070187-002 Work Order #...: JAR18
Date Sampled...: 08/02/06 09:30 Date Received..: 08/07/06

Matrix..... WATER

PARAMETER	RESULT	<u>RL</u>	UNITS	METHO	0	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.6	0.10	No Units		150.1	08/08/06	6221337
		Dilution Facto	or: 1	Analysis	Time: 13:40		
Bicarbonate, as CaCO	360	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mq/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Facto	٥.		Time: 19:29	00,00,00	0222474
Carbonate, as CaCO3	ND	5.0	mg/L	NACIN TITLE	210 1	00/25/05	
carbonace, as cacos	ND	Dilution Facto	<del>-</del> -	MCAWW	310.1 Time: 10:00	08/16/06	6229157
				121027010	11mc 10.00		
Chloride	79 Q	15	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Facto	or: 5	Analysis	Time: 02:04		
Fluoride	0.80	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 19:29		
Nitrate	1.2	0.50	mg/L	MCAWW	300.0A	08/08/06	C222401
	1.2	Dilution Facto			Time: 19:29	08/08/06	6222491
					22		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	or: 1	Analysis	Time: 19:29		
Sulfate	370 Q	50	mq/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Facto			Time: 10:52	11,00 00,00,00	02223
Total Dissolved Solids	1100	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: NESBIT-6S92W-6

### General Chemistry

Lot-Sample #...: D6H070187-003 Work Order #...: JAR2J Matrix....: WATER

Date Sampled...: 08/02/06 10:45 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHOI	)	PREPARATION- ANALYSIS DATE	PREP BATCH #
pН	7.4	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	or: 1	Analysis	Time: 13:45		
Bicarbonate, as CaCO	390	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L or: 1		300.0A Time: 19:44	08/08/06	6222494
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L or: 1	MCAWW Analysis	310.1 Time: 10:00	08/16/06	6229157
Chloride	99 Q	15 Dilution Facto	mg/L or: 5		<b>300.0A</b> Time: 02:20	08/08-08/09/06	6222489
Fluoride	0.77	0.50 Dilution Facto	mg/L or: 1		<b>300.0A</b> Time: 19:44	08/08/06	6222490
Nitrate	0.70	0.50 Dilution Facto	mg/L or: 1		300.0A Time: 19:44	08/08/06	6222491
Nitrite	ND	0.50	mg/L or: 1		300.0A Time: 19:44	08/08/06	6222492
Sulfate	280 Q	50 Dilution Facto	<b>mg/L</b> or: 10		<b>300.0A</b> Time: 11:08	08/08-08/09/06	6222493
Total Dissolved Solids	1000	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: LYONS-5S91W-31

### General Chemistry

Lot-Sample #...: D6H070187-004 Work Order #...: JAR2K Matrix....: WATER

Date Sampled...: 08/02/06 14:30 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHOI	)	PREPARATION- ANALYSIS DATE	PREP BATCH #
pН	7.7	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	or: 1	Analysis	Time: 13:48		
Bicarbonate, as CaCC	260	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Facto	or: 1	Analysis	Time: 20:00		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	51 Q	15	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Facto	or: 5	Analysis	Time: 02:35		
Fluoride	1.3	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 20:00		
Nitrate	3.1	0.50	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 20:00		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	or: 1	Analysis	Time: 20:00		
Sulfate	280 Q	50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Facto	or: 10	Analysis	Time: 11:56		
Total Dissolved Solids	800	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

### Client Sample ID: ELDERKIN-5S91W-30

### General Chemistry

Lot-Sample #...: D6H070187-005 Work Order #...: JAR2M Date Sampled...: 08/02/06 12:30 Date Received..: 08/07/06

Matrix....: WATER

PARAMETER	RESULT	RL	UNITS	METHO:	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.5	0.10 Dilution Facto	No Units		150.1	08/08/06	6221337
		DITUCION FACEC	or: 1	Analysis	Time: 13:34		
Bicarbonate, as CaCO 3	280	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	r: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Facto	r: 1	Analysis	Time: 20:16		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Facto	r: 1	Analysis	Time: 10:00		
Chloride	9.2	3.0	mg/L	MCAWW	300.0A	08/08/06	6222489
		Dilution Facto	r: 1	Analysis	Time: 20:16		
Fluoride	1.0	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	r: 1	Analysis	Time: 20:16		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Facto	r: 1	Analysis	Time: 20:16		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	r: 1	Analysis	Time: 20:16		
Sulfate	170 Q	25	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Facto	r: 5	Analysis	Time: 03:23		
Total Dissolved Solids	610	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	r: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: FAZZI-5S91W-32

### General Chemistry

Lot-Sample #...: D6H070187-006 Work Order #...: JAR2N Matrix....: WATER

Date Sampled...: 08/02/06 09:20 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHOI	)	PREPARATION- ANALYSIS DATE	PREP BATCH #
							DITT OIL 1
рн	8.0	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Factor	c: 1	Analysis	Time: 13:51		
Bicarbonate, as CaCO	400	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Factor	c: 1	Analysis	Time: 10:00		
Bromide	1.8		mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Factor	c: 1	Analysis	Time: 21:04		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Factor	-		Time: 10:00	00, 20, 00	0225257
				-			
Chloride	220 Q		mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Factor	c: 5	Analysis	Time: 03:39		
Fluoride	1.3	0.50	mq/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Factor	<i>J.</i>	-	Time: 21:04	00,00,00	0222470
				-			
Nitrate	13 Q	1.0	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Factor	r: 2	Analysis	Time: 21:04		
Nitrite	ND	0.50	mq/L	MC 7 WW	300.0A	08/08/06	6222492
	1112	Dilution Factor	٥.		Time: 21:04	08/08/08	0222492
				ILICIABLE	11mc 21.04		
Sulfate	600 Q	100	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Factor	:: 20	Analysis	Time: 12:11		
Total Dissolved Solids	1800	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Factor	:: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

# Client Sample ID: ORTON-5S91W-31

### General Chemistry

Lot-Sample #...: D6H070187-007 Work Order #...: JAR2Q Matrix....: WATER

Date Sampled...: 08/02/06 13:30 Date Received..: 08/07/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHO	D	ANALYSIS DATE	BATCH #
рН	7.6	0.10	No Units	NECES TOTAL	150 1	00/00/06	C00122E
pn	7.0	Dilution Facto			150.1	08/08/06	6221337
		Diruction Facto	or: 1	Analysis	Time: 13:46		
Bicarbonate, as CaCO	330	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Facto	or: 1	Analysis	Time: 21:19		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Facto			Time: 10:00	,,	
Chloride	12	3.0	mg/L	MCAWW	300.0A	08/08/06	6222489
		Dilution Facto	or: 1	Analysis	Time: 21:19		
Fluoride	0.99	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 21:19		
Nitrate	1.3	0.50	<b>/</b> -				
NICIACE	1.3	0.50	mg/L		300.0A	08/08/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 21:19		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	or: 1	Analysis	Time: 21:19		
Sulfate	220 O	25	mq/L	маллы	300.0A	08/08-08/09/06	6222492
	~~~	Dilution Facto	•		Time: 03:55	00/00-00/09/00	0222433
				maryors	11mc 03.33		
Total Dissolved Solids	710	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	r: 1	Analysis	Time: 16:00		
aroum (a)							
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: SALB-6S93W-12

General Chemistry

Lot-Sample #...: D6H070187-008 Work Order #...: JAR2T
Date Sampled...: 08/02/06 10:30 Date Received..: 08/07/06

Matrix..... WATER

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHOI	<u> </u>	ANALYSIS DATE	BATCH #
pН	7.5	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	or: 1		Time: 13:54		
Bicarbonate, as CaCO	550	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	0.41	0.20	mg/L	MCXWW	300.0A	08/08/06	6222494
DIOMERCE	0.41	Dilution Facto	-		Time: 21:35	08/08/00	0222434
Carbonate, as CaCO3	ND	5.0	mg/L		310.1	08/16/06	6229157
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	150 Q	15	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Facto	or: 5	Analysis	Time: 04:10		
Fluoride	0.77	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
I I I I I I I I I I I I I I I I I I I	0.77	Dilution Facto	-		Time: 21:35	08/08/08	0222490
Nitrate	2.4	0.50	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 21:35		
Nitrite	ND	0.50	mq/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	5,		Time: 21:35	00,00,00	0222132
Sulfate	480 Q	50	mg/L		300.0A	08/08-08/09/06	6222493
		Dilution Facto	or: 10	Analysis	Time: 12:27		
Total Dissolved Solids	1600	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							
				•••			

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: URBAN-5S92W-33

General Chemistry

Lot-Sample #...: D6H070187-009 Work Order #...: JAR2W Matrix.....: WATER

Date Sampled...: 08/03/06 13:30 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHO!)	PREPARATION- ANALYSIS DATE	PREP BATCH #
pН	7.8	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	r: 1	Analysis	Time: 13:37		
Bicarbonate, as CaCO	250	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	r: 1	Analysis	Time: 10:00		
Bromide	ND	0.20 Dilution Facto	mg/L er: 1		300.0A Time: 21:51	08/08/06	6222494
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L r: 1		310.1 Time: 10:00	08/16/06	6229157
Chloride	9.4	3.0 Dilution Facto	mg/L r: 1		300.0A Time: 21:51	08/08/06	6222489
Fluoride	0.90	0.50	mg/L		300.0A	08/08/06	6222490
		Dilution Facto	r: 1	Analysis	Time: 21:51		
Nitrate	ND	0.50 Dilution Facto	mg/L r: 1		300.0A Time: 21:51	08/08/06	6222491
Nitrite	ND	0.50	mg/L		300.0A Time: 21:51	08/08/06	6222492
				rmarybrb	1111100 21.31		
Sulfate	140 Q	25	mg/L	-	300.0A	08/08-08/09/06	6222493
		Dilution Facto	r: 5	Analysis	Time: 04:26		
Total Dissolved Solids	500	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	r: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

 $[\]ensuremath{\mathsf{Q}}$ $\ensuremath{\mathsf{Elevated}}$ reporting limit is elevated due to high analyte levels.

Client Sample ID: GREEN-6S93W-11

General Chemistry

Lot-Sample #...: D6H070187-010 Work Order #...: JAR2X Matrix....: WATER

Date Sampled...: 08/02/06 11:25 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
FARAMETER	KESOLI	<u>KU</u>	ONITS	MEIHOD	ANALYSIS DATE	BATCH #
рН	7.5	0.10	No Units	MCAWW 150.1	08/08/06	6221337
		Dilution Fact	or: 1	Analysis Time: 14:06		
Bicarbonate, as CaCO	490	5.0	mg/L	MCAWW 310.1	08/16/06	6229156
		Dilution Fact	or: 1	Analysis Time: 10:00		
Bromide	0.21	0.20	mg/L	MCAWW 300.0A	08/08/06	6222494
,	0.21	Dilution Fact		Analysis Time: 22:07	00,00,00	0222474
Carbonata as CaCO3	MTO	5 0		MODERT 240 4	00/15/05	C000155
Carbonate, as CaCO3	ND	5.0 Dilution Fact	mg/L	MCAWW 310.1	08/16/06	6229157
		Dilution Fact	or: 1	Analysis Time: 10:00		
Chloride	140 Q	15	mg/L	MCAWW 300.0A	08/08-08/09/06	6222489
		Dilution Fact	or: 5	Analysis Time: 04:42		
Fluoride	0.74	0.50	mg/L	MCAWW 300.0A	08/08/06	6222490
		Dilution Fact	-	Analysis Time: 22:07		
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	08/08/06	6222491
		Dilution Fact	or: 1	Analysis Time: 22:07		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	08/08/06	6222492
		Dilution Fact	or: 1	Analysis Time: 22:07		
Sulfate	330 Q	50	mg/L	MCAWW 300.0A	08/08-08/09/06	6222493
		Dilution Fact	or: 10	Analysis Time: 12:43		
Total Dissolved Solids	1300	10	mg/L	MCAWW 160.1	08/08/06	6220523
		Dilution Fact	or: 1	Analysis Time: 16:00		
NOTE(S):					·	

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: SHOUP-6S93W-10

General Chemistry

Lot-Sample #...: D6H070187-011

Work Order #...: JAR20

Matrix..... WATER

Date Sampled...: 08/02/06 16:00 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHO:	D	PREPARATION-	PREP
	KESOLI	<u>Kn</u>	ONITS	MEIRO	<u> </u>	ANALYSIS DATE	BATCH #
рH	7.3	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	or: 1	Analysis	Time: 14:08		
Bicarbonate, as CaCO	300	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	NTD	0.00	/ -			//	
BIOMICE	ND	0.20	mg/L		300.0A	08/08/06	6222494
		Dilution Facto	or: I	Analysis	Time: 22:23		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	9.5	2.0	/7	***************************************	200 07	00/00/05	
Chioride	9.5	3.0 Dilution Facto	mg/L		300.0A	08/08/06	6222489
		DITUCTOR FACE	or: 1	Analysis	Time: 22:23		
Fluoride	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 22:23		
Nitrate	0.68	0.50	/-			/ /	
NICIALE	0.68	U.50 Dilution Facto	mg/L		300.0A	08/08/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 22:23		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	or: 1	Analysis	Time: 22:23		
a-1-6-4-							
Sulfate	360 Q	50	mg/L		300.0A	08/08-08/09/06	6222493
		Dilution Facto	or: 10	Analysis	Time: 12:59		
Total Dissolved Solids	920	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: ALLEN-5S92W-30

General Chemistry

Lot-Sample #...: D6H070187-012 Work Order #...: JAR22 Matrix..... WATER

Date Sampled...: 08/04/06 13:00 Date Received..: 08/07/06

PARAMETER RESUL	T RL 0.10	UNITS	METHO	D	ANALYSIS DATE	BATCH #
DI 7.1	0.10					
TI 7 1	0 10					
pH 7.1	0.10	No Units	MCAWW	150.1	08/08/06	6221337
	Dilution Fact	tor: 1	Analysis	Time: 14:01		
Bicarbonate, as CaCO 560	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
	Dilution Fact	or: 1	Analysis	Time: 10:00		
Bromide ND	0.20	mg/L	MCAWW	300.0A	08/08/06	6222494
	Dilution Fact	cor: 1	Analysis	Time: 22:38		
Carbonate, as CaCO3 ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
	Dilution Fact	or: 1	Analysis	Time: 10:00		
Chloride 39	3.0	mg/L	MCAWW	300.0A	08/08/06	6222489
	Dilution Fact	cor: 1	Analysis	Time: 22:38		
Fluoride 0.88	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
	Dilution Fact	cor: 1	Analysis	Time: 22:38		
Nitrate 1.0	0.50	mg/L	MCAWW	300.0A	08/08/06	6222491
	Dilution Fact	cor: 1	Analysis	Time: 22:38		
Nitrite ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
	Dilution Fact	tor: 1	Analysis	Time: 22:38		
Sulfate 660 Q	100	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
	Dilution Fact	or: 20	Analysis	Time: 13:15		
Total Dissolved 1600 Solids	10	mg/L	MCAWW	160.1	08/09/06	6221564
	Dilution Fact	or: 1	Analysis	Time: 09:00		
NOTE (S):						

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: TREU-5S92W-32

General Chemistry

Lot-Sample #...: D6H070187-013 Work Order #...: JAR23 Matrix.....: WATER

Date Sampled...: 08/04/06 10:45 Date Received..: 08/07/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	D	ANALYSIS DATE	BATCH #
рН	7.5	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	r: 1	Analysis	Time: 13:56		
Bicarbonate, as CaCO	510	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	r: 1	Analysis	Time: 10:00		
Bromide	1.8 G	0.40	mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Facto	r: 2	Analysis	Time: 22:54		
			,				
Carbonate, as CaCO3	ND	5.0	mg/L		310.1	08/16/06	6229157
		Dilution Facto	r: 1	Analysis	Time: 10:00		
Chloride	370 O	30	mq/L	MCALITY	300.0A	00/00 00/00/00	C222400
CHIOLIGE	~	Dilution Facto	-		JUU.UA Time: 05:29	08/08-08/09/06	6222489
		DITUCTOR FACEO	1: 10	Anarysis	Time: 05:29		
Fluoride	ND G	1.0	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	-		Time: 22:54	00,00,00	
				4			
Nitrate	7.3 G	1.0	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Facto	r: 2	Analysis	Time: 22:54		
Nitrite	ND G	1.0	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	r: 2	Analysis	Time: 22:54		
. 75							
Sulfate	3400 Q	500	mg/L		300.0A	08/08-08/09/06	6222493
		Dilution Facto	r: 100	Analysis	Time: 13:30		
Total Dissolved	2000 0	20	/-			00/00/05	
Solids	3000 Q	20	mg/L	MCAWW	160.1	08/09/06	6221564
POTTOS		Dilution Facto	m. 2	77	E	·	
		DITUCION FACEO	1: 2	warAzız	Time: 09:00		

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: LOWD-5S92W-33

General Chemistry

Lot-Sample #...: D6H070187-014 Work Order #...: JAR25 Matrix.....: WATER

Date Sampled...: 08/04/06 14:45 Date Received..: 08/07/06

pH 7.5 0.10 No Units MCAWW 150.1 08/08/06 6221337 Bicarbonate, as CaCO 370 5.0 mg/L MCAWW 310.1 08/16/06 6229156 Bromide ND 0.20 mg/L MCAWW 310.1 08/08/06 6222494 Carbonate, as CaCO ND 5.0 mg/L MCAWW 310.1 08/16/06 6229157 Carbonate, as CaCO ND 5.0 mg/L MCAWW 310.1 08/16/06 6229157 Chloride 38 3.0 mg/L MCAWW 310.1 08/16/06 6229157 Chloride 38 3.0 mg/L MCAWW 300.0A 08/08/06 6222489 Fluoride 0.54 0.50 mg/L MCAWW 300.0A 08/08/06 6222489 Fluoride 0.54 0.50 mg/L MCAWW 300.0A 08/08/06 6222490 Nitrate 0.94 0.50 mg/L MCAWW 300.0A 08/08/06 6222490 Nitrate 0.94 0.50 mg/L MCAWW 300.0A 08/08/06 6222490 Nitrate 0.950 mg/L MCAWW 300.0A 08/08/06 6222491 Nitrite ND 0.50 mg/L MCAWW 300.0A 08/08/06 6222491 Sulfate 260 Q 50 mg/L MCAWW 300.0A 08/08/06 6222492 Sulfate 260 Q 50 mg/L MCAWW 300.0A 08/08/06 6222492 Total Dissolved S01 mg/L MCAWW 300.0A 08/08/06 6222493 Dilution Factor: 10 Analysis Time: 23:10 Total Dissolved S01 mg/L MCAWW 160.1 08/09/06 6221564 Solids Dilution Factor: 1 Analysis Time: 09:00		-					PREPARATION-	PREP
Dilution Factor: 1 Analysis Time: 14:11	PARAMETER	RESULT	RL	UNITS	METHOI	<u> </u>	ANALYSIS DATE	BATCH #
Dilution Factor: 1 Analysis Time: 14:11	рН	7.5	0.10	No Units	MCAWW	150.1	08/08/06	6221337
Dilution Factor: 1 Analysis Time: 10:00	_		Dilution Facto	or: 1	Analysis	Time: 14:11		
Bromide ND 0.20 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222494 Carbonate, as CaCO3 ND 5.0 mg/L MCAWW 310.1 Analysis Time: 10:00 08/16/06 6229157 Chloride 38 3.0 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222489 Fluoride 0.54 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222490 Nitrate 0.94 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222491 Nitrite ND 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222491 Nitrite ND 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222492 Sulfate 260 Q 50 mg/L MCAWW 300.0A Analysis Time: 23:10 08/08/06 6222492 Total Dissolved 880 10 mg/L MCAWW 300.0A Analysis Time: 13:46 08/09/06 6221564 Solids Dilution Factor: 1 Analysis Time: 09:00		370	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
Dilution Factor: 1 Analysis Time: 23:10 Carbonate, as CaCO3 ND 5.0 mg/L Dilution Factor: 1 Analysis Time: 10:00 Chloride 38 3.0 mg/L Analysis Time: 23:10 Fluoride 0.54 0.50 mg/L Analysis Time: 23:10 Nitrate 0.94 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 Nitrate 0.94 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 Nitrate 0.94 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 Nitrate 0.95 mg/L MCAWW 300.0A O8/08/06 6222490 Nitrite ND 0.50 mg/L MCAWW 300.0A Analysis Time: 23:10 Sulfate 260 Q 50 mg/L MCAWW 300.0A Analysis Time: 23:10 Total Dissolved 880 10 mg/L MCAWW 160.1 08/09/06 6221564 Solids Dilution Factor: 1 Analysis Time: 09:00			Dilution Facto	or: 1	Analysis	Time: 10:00		
Dilution Factor: 1 Analysis Time: 23:10 O8/16/06 6229157	Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08/06	6222494
Dilution Factor: 1 Analysis Time: 10:00			Dilution Facto	- .			,,	
Dilution Factor: 1 Analysis Time: 10:00	Carbonate, as CaCO3	ND	5.0	mar/T.	MCZMW	310 1	08/16/06	6229157
Dilution Factor: 1 Analysis Time: 23:10 Pluoride 0.54 0.50 mg/L MCAWW 300.0A 08/08/06 6222490				2.			00/10/00	0223137
Dilution Factor: 1 Analysis Time: 23:10 Pluoride 0.54 0.50 mg/L MCAWW 300.0A 08/08/06 6222490	Chloride	30	3 0	mar/T	MCAMM	200 03	00/00/06	6222400
Dilution Factor: 1 Analysis Time: 23:10 Nitrate 0.94 0.50 mg/L Dilution Factor: 1 Analysis Time: 23:10 Nitrite ND 0.50 mg/L Dilution Factor: 1 Analysis Time: 23:10 Nitrite ND 0.50 mg/L Dilution Factor: 1 Analysis Time: 23:10 Sulfate 260 Q 50 mg/L Dilution Factor: 10 MCAWW 300.0A Analysis Time: 23:10 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 13:46 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 09:00	CHIOTIC	30					08/08/08	0222409
Dilution Factor: 1 Analysis Time: 23:10 Nitrate 0.94 0.50 mg/L Dilution Factor: 1 Analysis Time: 23:10 Nitrite ND 0.50 mg/L Dilution Factor: 1 Analysis Time: 23:10 Nitrite ND 0.50 mg/L Dilution Factor: 1 Analysis Time: 23:10 Sulfate 260 Q 50 mg/L Dilution Factor: 10 MCAWW 300.0A Analysis Time: 13:46 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 13:46 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 09:00	Fluoride	0 54	0 50	mar/T	MC A Lilli	200 03	00/00/00	6222400
Dilution Factor: 1 Analysis Time: 23:10 Nitrite ND 0.50 mg/L MCAWW 300.0A 08/08/06 6222492 Dilution Factor: 1 Analysis Time: 23:10 Sulfate 260 Q 50 mg/L MCAWW 300.0A 08/08-08/09/06 6222493 Dilution Factor: 10 Analysis Time: 13:46 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 09:00	ridoride	0.54					08/08/06	6222490
Dilution Factor: 1 Analysis Time: 23:10 Nitrite ND 0.50 mg/L MCAWW 300.0A 08/08/06 6222492 Dilution Factor: 1 Analysis Time: 23:10 Sulfate 260 Q 50 mg/L MCAWW 300.0A 08/08-08/09/06 6222493 Dilution Factor: 10 Analysis Time: 13:46 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 09:00	**************************************			-	-			
Nitrite ND 0.50 mg/L Dilution Factor: 1 MCAWW 300.0A Analysis Time: 23:10 8260 Q 50 mg/L Dilution Factor: 10 MCAWW 300.0A Analysis Time: 13:46 Total Dissolved Solids Dilution Factor: 1 Analysis Time: 09:00 Analysis Time: 09:00	Nitrate	0.94		٥.			08/08/06	6222491
Dilution Factor: 1 Analysis Time: 23:10			Dilution Facto	or: 1	Analysis	Time: 23:10		
Sulfate 260 Q 50 mg/L Dilution Factor: 10 MCAWW 300.0A Analysis Time: 13:46 08/08-08/09/06 6222493 Total Dissolved Solids 880 Dilution Factor: 1 10 mg/L MCAWW 160.1 Analysis Time: 09:00 08/09/06 6221564	Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
Dilution Factor: 10 Analysis Time: 13:46 Total Dissolved 880 10 mg/L MCAWW 160.1 08/09/06 6221564 Solids Dilution Factor: 1 Analysis Time: 09:00			Dilution Facto	or: 1	Analysis	Time: 23:10		
Total Dissolved 880 10 mg/L MCAWW 160.1 08/09/06 6221564 Solids Dilution Factor: 1 Analysis Time: 09:00	Sulfate	260 Q	50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
Solids Dilution Factor: 1 Analysis Time: 09:00			Dilution Facto	or: 10	Analysis	Time: 13:46	•	
. 2		880	10	mg/L	MCAWW	160.1	08/09/06	6221564
NOTE (S) ·			Dilution Facto	or: 1	Analysis	Time: 09:00		
morning.	NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: CHENO-6S91W-5

General Chemistry

Lot-Sample #...: D6H070187-015 Work Order #...: JAR27 Matrix.....: WATER

Date Sampled...: 08/04/06 11:30 Date Received..: 08/07/06

PARAMETER	RESULT	RL	UNITS	METHO)	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.4	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	or: 1	Analysis	Time: 14:02		
Bicarbonate, as CaCO	250	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08/06	6222494
		Dilution Facto	or: 1	Analysis	Time: 23:26	, ,	
Carbonate, as CaCO3	ND	5.0	mg/L		310.1	08/16/06	6229157
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	ND	3.0	mg/L	MCAWW	300.0A	08/08/06	6222489
•		Dilution Facto	or: 1	Analysis	Time: 23:26		
Fluoride	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 23:26		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 23:26		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08/06	6222492
		Dilution Facto	-	Analysis	Time: 23:26	, , , ,	
Sulfate	25	5.0	mg/L	MCAWW	300.0A	08/08/06	6222493
		Dilution Facto	-	Analysis	Time: 23:26	- •	_
Total Dissolved Solids	330	10	mg/L	MCAWW	160.1	08/09/06	6221564
		Dilution Facto	or: 1	Analysis	Time: 09:00		

Client Sample ID: TALBOTT-6S91W-4

General Chemistry

Lot-Sample #...: D6H070187-016 Work Order #...: JAR28 Matrix.....: WATER

Date Sampled...: 08/03/06 11:15 Date Received..: 08/07/06

PARAMETER	RESULT	RL_	UNITS	METHOI	0	PREPARATION- ANALYSIS DATE	PREP BATCH #
На	7.6	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Facto	or: 1	Analysis	Time: 13:57		
Bicarbonate, as CaCO	310	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08-08/09/06	6222494
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	ND	3.0	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Fluoride	ND	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222492
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Sulfate	49	5.0	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Total Dissolved Solids	390	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		

Client Sample ID: COPE-6S91W-2

General Chemistry

Lot-Sample #...: D6H070187-017 Work Order #...: JAR3A Matrix.....: WATER

Date Sampled...: 08/04/06 14:40 Date Received..: 08/07/06

					PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHOD	ANALYSIS DATE	BATCH #
рН	7.5	0.10	No Units	MCAWW 150.1	08/08/06	6221337
рп	7.5	Dilution Facto		Analysis Time: 14:13	00/00/00	0221337
		DITUCION FACE	,1. 1	Andrysts time 14.15		
Bicarbonate, as CaCO	310	5.0	mg/L	MCAWW 310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW 300.0A	08/08-08/09/06	6222494
		Dilution Facto	or: 1	Analysis Time: 00:29		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310.1	08/16/06	6229157
carsonace, as caees	III)	Dilution Facto	•	Analysis Time: 10:00	08/10/00	0229137
				11101/010 11110111 10100		
Chloride	86 Q	15	mg/L	MCAWW 300.0A	08/08-08/09/06	6222489
		Dilution Facto	or: 5	Analysis Time: 07:04		
Fluoride	0.82	0.50	mq/L	MCAWW 300.0A	08/08-08/09/06	6222400
11401140	0.02	Dilution Facto		Analysis Time: 00:29	00/00-00/03/00	0222430
				12.02,020 12.00.00 00.23		
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	08/08-08/09/06	6222491
		Dilution Facto	or: 1	Analysis Time: 00:29		
Nitrite	ND	0.50	m~ /T	MCAWW 300.0A	00/00 00/00/06	6000400
MICTICE	ND	Dilution Facto	mg/L	Analysis Time: 00:29	08/08-08/09/06	6222492
		DITUCTOR PACEC	or: I	Analysis Time: 00:29		
Sulfate	370 Q	50	mg/L	MCAWW 300.0A	08/08-08/09/06	6222493
		Dilution Facto	or: 10	Analysis Time: 14:02		
Total Dissolved Solids	1100	10	mg/L	MCAWW 160.1	08/09/06	6221564
		Dilution Facto	or: 1	Analysis Time: 09:00		
MORITE (C) .						
NOTE(S):		<u> </u>				

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: HUGHES-6S91W-4

General Chemistry

Lot-Sample #...: D6H070187-018 Work Order #...: JAR3C Matrix..... WATER

Date Sampled...: 08/03/06 12:30 Date Received..: 08/07/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOL		ANALYSIS DATE	BATCH #
pн	7.4	0.10	No Units	MCAWW	150.1	08/08/06	6221337
		Dilution Fact	or: 1	Analysis	Time: 14:07		
Bicarbonate, as CaCO	320	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/08-08/09/06	6222494
		Dilution Fact	or: 1	Analysis	Time: 00:45		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Chloride	ND	3.0	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Fact	or: 1	Analysis	Time: 00:45		
Fluoride	ND	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222490
		Dilution Fact	or: 1	Analysis	Time: 00:45		
Nitrate	ND	0.50	mg/L		300.0A	08/08-08/09/06	6222491
		Dilution Fact	or: 1	Analysis	Time: 00:45		
Nitrite	ND	0.50	mg/L		300.0A	08/08-08/09/06	6222492
		Dilution Fact	or: 1	Analysis	Time: 00:45		
Sulfate	51 Q	25	mg/L		300.0A	08/08-08/09/06	6222493
		Dilution Fact	or: 5	Analysis	Time: 07:20		
Total Dissolved Solids	410	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: BRE-6S93W-11

General Chemistry

Lot-Sample #...: D6H070187-019 Work Order #...: JAR3E Matrix....: WATER

Date Sampled...: 08/02/06 14:30 Date Received..: 08/07/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI)	ANALYSIS DATE	BATCH #
рН	7.5	0.10	No Units	MCAWW	150 1	08/08/06	6221337
P	7.5	Dilution Facto			Time: 13:59	00,00,00	OZZZSS,
				22			
Bicarbonate, as CaCO 3	540	5.0	mg/L	MCAWW	310.1	08/16/06	6229156
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	0.25	0.20	mg/L	MCAWW	300.0A	08/08-08/09/06	6222494
		Dilution Facto	or: 1	Analysis	Time: 01:01		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/16/06	6229157
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	160 Q	15	mg/L	MCAWW	300.0A	08/08-08/09/06	6222489
		Dilution Facto	or: 5	Analysis	Time: 07:36		
Fluoride	0.85	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222490
		Dilution Facto	or: 1	Analysis	Time: 01:01		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222491
		Dilution Facto	or: 1	Analysis	Time: 01:01		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222492
		Dilution Facto	or: 1	Analysis	Time: 01:01		
Sulfate	390 Q	50	mg/L	MCAWW	300.0A	08/08-08/09/06	6222493
		Dilution Facto	or: 10	Analysis	Time: 14:18		
Total Dissolved Solids	1400	10	mg/L	MCAWW	160.1	08/08/06	6220523
		Dilution Facto	or: 1	Analysis	Time: 16:00		
NOTE(S):							

RL Reporting Limit

 $[\]ensuremath{\mathsf{Q}}$ $\ensuremath{\mathsf{Elevated}}$ reporting limit. The reporting limit is elevated due to high analyte levels.

D6H070187

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
001	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
002	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
003	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222

D6H070187

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
			· · · · · · · · · · · · · · · · · · ·		
003	WATER	RSK SOP-175		6223314	
004	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	0219343
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222328
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222327
	WATER	MCAWW 300.0A		6222494	6222331
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	0213333
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	V223222
005	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
006	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	44454
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355

D6H070187

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
006	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
007	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
008	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
009	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330

D6H070187

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
					<u></u>
009	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6223385	6223222
	WATER	RSK SOP-175		6223314	
010	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
011	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
012	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6221564	6226340
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327

D6H070187

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	WA EEEE	MCD THE 200 OF			
012	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
013	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6221564	6226340
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
014	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6221564	6226340
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	0413313
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	0217333
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	0220574
015	WATER	MCAWW 150.1		600100-	400
010	WATER WATER			6221337	6225019
	WATER	MCAWW 160.1		6221564	6226340
		MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328

D6H070187

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
			·		
015	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1	·	6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
016	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	0219343
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	0219000
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
017	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6221564	6226340
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
•	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
018	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345

D6H070187

Sample Preparation and Analysis Control Numbers

G21557 77!!	163 (500 500	ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
018	WATER	MCAWW 310.1		6220157	
010	WATER	MCAWW 310.1		6229157	6000000
	WATER			6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	***************************************	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	
019	WATER	MCAWW 150.1		6221337	6225019
	WATER	MCAWW 160.1		6220523	6222181
	WATER	MCAWW 200.7		6219529	6219345
	WATER	MCAWW 310.1		6229157	
	WATER	MCAWW 300.0A		6222489	6222328
	WATER	MCAWW 300.0A		6222493	6222332
	WATER	MCAWW 300.0A		6222490	6222327
	WATER	MCAWW 300.0A		6222491	6222331
	WATER	MCAWW 300.0A		6222494	6222330
	WATER	MCAWW 300.0A		6222492	6222329
	WATER	MCAWW 200.8		6219540	6219355
	WATER	MCAWW 310.1		6229156	
	WATER	SW846 8021B		6226569	6226374
	WATER	RSK SOP-175		6223314	0220074
				J2233 1 1	
020	WATER	SW846 8021B		6226569	6226374

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H070187

Work Order #...: JA6A01AA

Matrix..... WATER

MB Lot-Sample #: D6H110000-314

Prep Date....: 08/07/06

Analysis Time..: 13:51

Analysis Date..: 08/08/06

Dilution Factor: 1

Prep Batch #...: 6223314

REPORTING

RESULT PARAMETER LIMIT UNITS METHOD Methane ND5.0 RSK SOP-175 ug/L

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JA6A01AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H110000-314 JA6A01AD-LCSD

 Prep Date....:
 08/07/06
 Analysis Date..:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time..:
 13:41

Dilution Factor: 1

	PERCENT	RECOVERY	RPD	
PARAMETER	RECOVERY	LIMITS RPD	LIMITS	METHOD
Methane	101	(69 ~ 125)		RSK SOP-175
	106	(69 - 125) 4.7	(0-20)	RSK SOP-175
Ethane	104	(60 - 135)		RSK SOP-175
	109	(60 - 135) 4.7	(0-20)	RSK SOP-175
Ethene	107	(64 - 134)		RSK SOP-175
	112	(64 ~ 134) 4.4	(0-20)	RSK SOP-175
Acetylene	118	(60 - 120)		RSK SOP-175
	119	(60 - 120) 1.0	(0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JA6A01AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H110000-314 JA6A01AD-LCSD

 Prep Date....:
 08/07/06
 Analysis Date..:
 08/08/06

 Prep Batch #...:
 6223314
 Analysis Time..:
 13:41

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Methane	73.0	73.8	ug/L	101		RSK SOP-175
	73.0	77.4	ug/L	106	4.7	RSK SOP-175
Ethane	137	142	ug/L	104		RSK SOP-175
	137	149	ug/L	109	4.7	RSK SOP-175
Ethene	127	136	ug/L	107		RSK SOP-175
	127	142	ug/L	112	4.4	RSK SOP-175
Acetylene	118	139	ug/L	118		RSK SOP-175
	118	140	ug/L	119	1.0	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H070187

Work Order #...: JA6XE1AA

Matrix....: WATER

MB Lot-Sample #: D6H110000-385

Prep Date....: 08/10/06
Prep Batch #...: 6223385

Analysis Time..: 16:02

Analysis Date..: 08/10/06

Dilution Factor: 1

REPORTING

PARAMETER	RESULT	LIMIT	UNITS	METHOD
Benzene	ND	0.50	ug/L	SW846 8021B
Ethylbenzene	ND	0.50	ug/L	SW846 8021B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B
Toluene	ND	0.50	ug/L	SW846 8021B
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B
o~Xylene	ND	0.50	ug/L	SW846 8021B
Xylenes (total)	ND	0.50	ug/L	SW846 8021B
•	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS	_	
<pre>a,a,a-Trifluorotoluene (TFT)</pre>	95	(85 - 115	5)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H070187

MB Lot-Sample #: D6H140000-569

Work Order #...: JCA2Q1AA

Matrix....: WATER

Prep Date....: 08/11/06

Analysis Time..: 13:18

Analysis Date..: 08/11/06

Dilution Factor: 1

Prep Batch #...: 6226569

REPORTING

PARAMETER	RESULT	LIMIT	UNITS	METHOD
Benzene	ND	0.50	ug/L	SW846 8021B
Ethylbenzene	ND	0.50	ug/L	SW846 8021B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B
Toluene	ND	0.50	ug/L	SW846 8021B
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B
o-Xylene	ND	0.50	ug/L	SW846 8021B
Xylenes (total)	ND	0.50	ug/L	SW846 8021B
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS	_	
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JA6XE1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H110000-385 JA6XE1AD-LCSD

 Prep Date....:
 08/10/06
 Analysis Date..:
 08/10/06

 Prep Batch #...:
 6223385
 Analysis Time..:
 14:46

Dilution Factor: 1

(

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	93	(75 - 117)			SW846 8021B
	99	(75 - 117)	6.5	(0-45)	SW846 8021B
Ethylbenzene	93	(79 - 115)			SW846 8021B
	98	(79 - 115)	5.8	(0~46)	SW846 8021B
Chlorobenzene	90	(81 - 115)			SW846 8021B
	96	(81 - 115)	6.4	(0-35)	SW846 8021B
Toluene	93	(77 - 115)			SW846 8021B
	98	(77 - 115)	5.8	(0-45)	SW846 8021B
Xylenes (total)	92	(79 - 116)			SW846 8021B
	98	(79 - 116)	6.1	(0-46)	SW846 8021B
1,3-Dichlorobenzene	96	(80 - 115)			SW846 8021B
	102	(80 - 115)	7.0	(0-35)	SW846 8021B
1,4-Dichlorobenzene	92	(79 - 115)			SW846 8021B
	99	(79 - 115)	7.2	(0-35)	SW846 8021B
1,2-Dichlorobenzene	90	(80 - 115)			SW846 8021B
	97	(80 - 115)	7.0	(0-35)	SW846 8021B
		PERCENT	RECOV	ERY	
SURROGATE		RECOVERY	LIMII	'S	
<pre>a,a,a-Trifluorotoluene (TFT)</pre>		97	(85 -	115)	
		97	(85 -	115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JA6XE1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H110000-385 JA6XE1AD-LCSD

Prep Date....: 08/10/06 Analysis Date..: 08/10/06

Prep Batch #...: 6223385 Analysis Time..: 14:46

Dilution Factor: 1

	SPIKE	MEASURED		PERCENT		
PARAMETER	TRUOMA	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	18.6	ug/L	93		SW846 8021B
	20.0	19.8	ug/L	99	6.5	SW846 8021B
Ethylbenzene	20.0	18.6	ug/L	93		SW846 8021B
	20.0	19.7	ug/L	98	5.8	SW846 8021B
Chlorobenzene	20.0	18.0	ug/L	90		SW846 8021B
	20.0	19.2	ug/L	96	6.4	SW846 8021B
Toluene	20.0	18.5	ug/L	93		SW846 8021B
	20.0	19.6	ug/L	98	5.8	SW846 8021B
Xylenes (total)	60.0	55.2	ug/L	92		SW846 8021B
	60.0	58.7	ug/L	98	6.1	SW846 8021B
1,3-Dichlorobenzene	20.0	19.1	ug/L	96		SW846 8021B
	20.0	20.5	ug/L	102	7.0	SW846 8021B
1,4-Dichlorobenzene	20.0	18.3	ug/L	92		SW846 8021B
	20.0	19.7	ug/L	99	7.2	SW846 8021B
1,2-Dichlorobenzene	20.0	18.0	ug/L	90		SW846 8021B
	20.0	19.3	ug/L	97	7.0	SW846 8021B
			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)			97	(85 - 115)	
-			97	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JCA2Q1AC-LCS Matrix....: WATER

LCS Lot-Sample#: D6H140000-569 JCA2Q1AD-LCSD

 Prep Date....:
 08/11/06
 Analysis Date..:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time..:
 12:13

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	88	(75 - 117)			SW846 8021B
	93	(75 - 117)	6.0	(0~45)	SW846 8021B
Ethylbenzene	89	(79 - 115)			SW846 8021B
	95	(79 - 115)	6.1	(0-46)	SW846 8021B
Chlorobenzene	85	(81 - 115)			SW846 8021B
	91	(81 - 115)	6.3	(0-35)	SW846 8021B
Toluene	86	(77 - 115)			SW846 8021B
	92	(77 - 115)	6.5	(0-45)	SW846 8021B
Xylenes (total)	89	(79 - 116)			SW846 8021B
	94	(79 - 116)	5.9	(0-46)	SW846 8021B
1,3-Dichlorobenzene	89	(80 - 115)			SW846 8021B
	95	(80 - 115)	6.8	(0-35)	SW846 8021B
1,4-Dichlorobenzene	90	(79 - 115)			SW846 8021B
	96	(79 - 115)	6.5	(0-35)	SW846 8021B
1,2-Dichlorobenzene	90	(80 - 115)			SW846 8021B
	95	(80 - 115)	.5.7	(0-35)	SW846 8021B
		PERCENT	RECOV	ERY	
SURROGATE		RECOVERY	LIMII	rs	
a,a,a-Trifluorotoluene		93	(85 -	115)	
(TFT)					
		95	(85 -	115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JCA2Q1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H140000-569 JCA2Q1AD-LCSD

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 12:13

Dilution Factor: 1

	SPIKE	MEASURED		PERCENT		
PARAMETER	TUUOMA	TRUOMA	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	17.6	ug/L	88		SW846 8021B
	20.0	18.7	ug/L	93	6.0	SW846 8021B
Ethylbenzene	20.0	17.9	ug/L	89		SW846 8021B
	20.0	19.0	ug/L	95	6.1	SW846 8021B
Chlorobenzene	20.0	17.0	ug/L	85		SW846 8021B
	20.0	18.1	ug/L	91	6.3	SW846 8021B
Toluene	20.0	17.3	ug/L	86		SW846 8021B
	20.0	18.5	ug/L	92	6.5	SW846 8021B
Xylenes (total)	60.0	53.3	ug/L	89		SW846 8021B
	60.0	56.6	ug/L	94	5.9	SW846 8021B
1,3-Dichlorobenzene	20.0	17.8	ug/L	89		SW846 8021B
	20.0	19.0	ug/L	95	6.8	SW846 8021B
1,4-Dichlorobenzene	20.0	18.0	ug/L	90		SW846 8021B
	20.0	19.2	ug/L	96	6.5	SW846 8021B
1,2-Dichlorobenzene	20.0	18.0	ug/L	90		SW846 8021B
	20.0	19.0	ug/L	95	5.7	SW846 8021B
			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS	_	
a,a,a-Trifluorotoluene (TFT)			93	(85 - 115)	
			95	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JAOKL1C7-MS Matrix.....: WATER

 Date Sampled...:
 08/08/06
 15:10
 Date Received...:
 08/09/06

 Prep Date.....:
 08/10/06
 Analysis Date...:
 08/10/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 17:22

Dilution Factor: 1

	PERCENT	RECOVERY		RPD		
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD	
Benzene	97	(75 - 117)			SW846	8021B
	94	(75 - 117)	3.5	(0-45)	SW846	8021B
Ethylbenzene	96	(79 - 115)			SW846	8021B
	93	(79 - 115)	2.8	(0-46)	SW846	8021B
Chlorobenzene	94	(81 - 115)			SW846	8021B
	91	(81 - 115)	3.2	(0-35)	SW846	8021B
Toluene	96	(77 - 115)			SW846	8021B
	93	(77 - 115)	3.2	(0-45)	SW846	8021B
Xylenes (total)	95	(79 - 116)			SW846	8021B
	92	(79 - 116)	3.4	(0-46)	SW846	8021B
1,3-Dichlorobenzene	98	(80 - 115)			SW846	8021B
	95	(80 - 115)	2.9	(0-35)	SW846	8021B
1,4-Dichlorobenzene	95	(79 - 115)			SW846	8021B
	92	(79 - 115)	3.1	(0-35)	SW846	8021B
1,2-Dichlorobenzene	92	(80 - 115)			SW846	8021B
	91	(80 - 115)	1.7	(0-35)	SW846	8021B
		PERCENT		RECOVERY		
SURROGATE		RECOVERY		LIMITS		
a,a,a-Trifluorotoluene (TFT)		97		(85 - 115)	
		96		(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JAOKL1C7-MS Matrix..... WATER

MS Lot-Sample #: D6H090244-005 JA0KL1C8-MSD

 Date Sampled...:
 08/08/06
 15:10
 Date Received...:
 08/09/06

 Prep Date.....:
 08/10/06
 Analysis Date...:
 08/10/06

 Prep Batch #...:
 6223385
 Analysis Time...:
 17:22

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT		
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD
Benzene	ND	20.0	19.5	ug/L	97		SW846 8021B
	ND	20.0	18.8	ug/L	94	3.5	SW846 8021B
Ethylbenzene	ND	20.0	19.2	ug/L	96		SW846 8021B
	ND	20.0	18.7	ug/L	93	2.8	SW846 8021B
Chlorobenzene	ND	20.0	18.8	ug/L	94		SW846 8021B
	ND	20.0	18.2	ug/L	91	3.2	SW846 8021B
Toluene	ND	20.0	19.3	ug/L	96		SW846 8021B
	ND	20.0	18.7	ug/L	93	3.2	SW846 8021B
Xylenes (total)	ND	60.0	57.2	ug/L	95		SW846 8021B
	ND	60.0	55.3	ug/L	92	3.4	SW846 8021B
1,3-Dichlorobenzene	ND	20.0	19.6	ug/L	98		SW846 8021B
	ND	20.0	19.0	ug/L	95	2.9	SW846 8021B
1,4-Dichlorobenzene	ND	20.0	19.0	ug/L	95		SW846 8021B
	ND	20.0	18.4	ug/L	92	3.1	SW846 8021B
1,2-Dichlorobenzene	ND	20.0	18.5	ug/L	92		SW846 8021B
	ND	20.0	18.2	ug/L	91	1.7	SW846 8021B
		PE	ERCENT		RECOVERY		
SURROGATE	_	RI	ECOVERY		LIMITS	_	
a,a,a-Trifluorotoluene		97	7		(85 - 115)	
(TFT)							
		96	5		(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JAR2X1A4-MS Matrix..... WATER

 Date Sampled...:
 08/02/06 11:25
 Date Received...:
 08/07/06

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 15:02

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	90	(75 - 117)			SW846 8021B
	99	(75 - 117)	9.6	(0-45)	SW846 8021B
Ethylbenzene	91	(79 ~ 115)			SW846 8021B
	99	(79 - 115)	8.6	(0-46)	SW846 8021B
Chlorobenzene	87	(81 - 115)			SW846 8021B
	95	(81 - 115)	8.5	(0-35)	SW846 8021B
Toluene	89	(77 - 115)			SW846 8021B
	97	(77 - 115)	9.3	(0-45)	SW846 8021B
Xylenes (total)	90	(79 - 116)			SW846 8021B
	98	(79 - 116)	8.6	(0-46)	SW846 8021B
1,3-Dichlorobenzene	89	(80 - 115)			SW846 8021B
	97	(80 - 115)	8.3	(0-35)	SW846 8021B
1,4-Dichlorobenzene	90	(79 - 115)			SW846 8021B
	98	(79 - 115)	7.7	(0-35)	SW846 8021B
1,2-Dichlorobenzene	89	(80 - 115)			SW846 8021B
	97	(80 - 115)	9.0	(0-35)	SW846 8021B
		PERCENT		RECOVERY	
SURROGATE	_	RECOVERY		LIMITS	_
a,a,a-Trifluorotoluene (TFT)		96		(85 - 115)
		96		(85 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H070187 Work Order #...: JAR2X1A4-MS Matrix..... WATER

MS Lot-Sample #: D6H070187-010 JAR2X1A5-MSD

 Date Sampled...:
 08/02/06
 11:25
 Date Received...:
 08/07/06

 Prep Date.....:
 08/11/06
 Analysis Date...:
 08/11/06

 Prep Batch #...:
 6226569
 Analysis Time...:
 15:02

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT		•
PARAMETER	TRUOMA	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD
Benzene	ND	20.0	17.9	ug/L	90		SW846 8021B
	ND	20.0	19.7	ug/L	99	9.6	SW846 8021B
Ethylbenzene	ND	20.0	18.2	ug/L	91		SW846 8021B
	ND	20.0	19.8	ug/L	99	8.6	SW846 8021B
Chlorobenzene	ND	20.0	17.5	ug/L	87		SW846 8021B
	ND	20.0	19.0	ug/L	95	8.5	SW846 8021B
Toluene	ND	20.0	17.7	ug/L	89		SW846 8021B
	ND	20.0	19.4	ug/L	97	9.3	SW846 8021B
Xylenes (total)	ND	60.0	54.1	ug/L	90		SW846 8021B
	ND	60.0	59.0	ug/L	98	8.6	SW846 8021B
1,3-Dichlorobenzene	ND	20.0	17.8	ug/L	89		SW846 8021B
	INID	20.0	19.3	ug/L	97	8.3	SW846 8021B
1,4-Dichlorobenzene	ND	20.0	18.1	ug/L	90		SW846 8021B
	ND	20.0	19.5	ug/L	98	7.7	SW846 8021B
1,2-Dichlorobenzene	ND	20.0	17.7	ug/L	89		SW846 8021B
	ND	20.0	19.4	ug/L	97	9.0	SW846 8021B
		PE	ERCENT	:	RECOVERY		
SURROGATE	<u></u>	RE	COVERY	:	LIMITS	_	
a,a,a-Trifluorotoluene (TFT)		96	5		(85 - 115))	
		96	5		(85 - 115))	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6H070187 Matrix.....: WATER

		REPORTING	3		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
	.					
MB Lot-Sample					/ / /	
Calcium	ND	200	ug/L	MCAWW 200.7	08/09-08/10/06	JATDMLAA
		Dilution Fact				
		Analysis Time	11:42			
Iron	ND	100	ug/L	MCAWW 200.7	08/09-08/10/06	.דביירואו בכי
22011	ND	Dilution Fact	=	11C11WW 20017	00/03 00/10/00	OHIDHING
		Analysis Time				
		•				
Magnesium	ND	200	ug/L	MCAWW 200.7	08/09-08/10/06	JATDM1AD
		Dilution Fact	or: 1			
		Analysis Time	11:42			
Potassium	ND	3000	ug/L	MCAWW 200.7	08/09-08/10/06	JATDM1AE
		Dilution Fact				
		Analysis Time	2: 11:42			
Sodium	ND	5000	ug/L	MCAWW 200.7	08/09-08/10/06	
Boaram	ND	Dilution Fact	=	MCAWW 200.7	08/09-08/10/00	OAIDMIAF
		Analysis Time				
MB Lot-Sample	#: D6H070000)-540 Prep B	atch #:	6219540		
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/09-08/16/06	JATEF1AA
		Dilution Fact	or: 1			
		Analysis Time	2: 04:31			
- ·			1-			
Barium	ND	1.0	ug/L	MCAWW 200.8	08/09-08/16/06	JATEF1AC
		Dilution Fact				
		Analysis Time	2: 04:31			
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/09-08/16/06	רא רים ים ית אד.
Cadinitan	ND	Dilution Fact	-	MCAWW 200.8	08/09-08/10/00	UAIEFIAD
		Analysis Time				
			02.02			
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/09-08/16/06	JATEF1AE
		Dilution Fact	or: 1			
		Analysis Time	2: 04:31			
Lead	ND	1.0	ug/L	MCAWW 200.8	08/09-08/16/06	JATEF1AF
		Dilution Fact	or: 1			
		Analysis Time	2: 04:31			

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6H070187

Manganese ND		UNITS	METHOD	ANALYSIS DATE	ORDER #
ranguitore MD	1.0	 ug/L	MCAWW 200.8	08/09-08/16/06	JATEF1AG
	Dilution	Factor: 1			
	Analysis	Time: 04:31			
Selenium ND	5.0 Dilution	ug/L Factor: 1	MCAWW 200.8	08/09-08/16/06	JATEF1AH
	Analysis	Time: 04:31			

Matrix..... WATER

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #:	D6H070187		Matrix: WATER
PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS METHOD	PREPARATION- ANALYSIS DATE WORK ORDER #
LCS Lot-Sample#: Calcium	D6H070000- 99	529 Prep Batch #: 6219529 (90 - 111) MCAWW 200.7 Dilution Factor: 1 Analysis	
Iron	102	(89 - 116) MCAWW 200.7 Dilution Factor: 1 Analysis	• •
Magnesium	102	(92 - 113) MCAWW 200.7 Dilution Factor: 1 Analysis	
Potassium	106	(89 - 114) MCAWW 200.7 Dilution Factor: 1 Analysis	· · · · · · · · · · · · · · · · · · ·
Sodium	104	(90 - 117) MCAWW 200.7 Dilution Factor: 1 Analysis	
LCS Lot-Sample#: Arsenic	D6H070000- 94	540 Prep Batch #: 6219540 (89 - 111) MCAWW 200.8 Dilution Factor: 1 Analysis	
Barium	95	(89 - 117) MCAWW 200.8 Dilution Factor: 1 Analysis	
Cadmium	91	(89 - 111) MCAWW 200.8 Dilution Factor: 1 Analysis	
Chromium	102	(86 - 124) MCAWW 200.8 Dilution Factor: 1 Analysis	
Lead	97	(88 - 119) MCAWW 200.8 Dilution Factor: 1 Analysis	• •
Manganese	97	(87 - 124) MCAWW 200.8 Dilution Factor: 1 Analysis	
Selenium	91	(82 - 114) MCAWW 200.8 Dilution Factor: 1 Analysis	

NOTE (S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #	: D6H	070187			1	Matrix:	WATER
PARAMETER	SPIKE AMOUNT		D UNITS			PREPARATION- ANALYSIS DATE	
LCS Lot-Samp	le#: D6H	070000-5	29 Prep Bat	ch #	: 6219529		
		49700	ug/L	99	MCAWW 200.7 Analysis Time: 1		JATDM1AG
Iron	1000				MCAWW 200.7 Analysis Time: 1		JATDM1AH
Magnesium	50000	51000	ug/L Dilution Factor	102 : 1	MCAWW 200.7 Analysis Time: 1	08/09-08/10/06 1:46	JATDM1AJ
Potassium	50000				MCAWW 200.7 Analysis Time: 1		JATDM1AK
Sodium	50000				MCAWW 200.7 Analysis Time: 1		JATDM1AL
LCS Lot-Samp	le#: D6H	070000-5	40 Prep Bat	ch #	: 6219540		
Arsenic	40.0		= '		MCAWW 200.8 Analysis Time: 0		JATEF1AJ
Barium	40.0				MCAWW 200.8 Analysis Time: 0		JATEF1AK
Cadmium	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 0		JATEF1AL
Chromium	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 0		JATEF1AM
Lead	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 0		JATEF1AN
Manganese	40.0	38.7	ug/L Dilution Factor	97 : 1	MCAWW 200.8 Analysis Time: 0	08/09-08/16/06 4:34	JATEF1AP
Selenium	40.0	36.4	ug/L Dilution Factor	91 : 1	MCAWW 200.8 Analysis Time: 0	08/09-08/16/06 4:34	JATEF1AQ

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot # Date Sampled	•	Matrix: WATER		
PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Sampl	e #: D6H07	0187-001 Prep Batch #	.: 6219529	
Calcium	98	(90 - 111)	MCAWW 200.7	08/09-08/10/06 JAR101A4
	95	(90 - 111) 0.78 (0-20)	MCAWW 200.7	08/09-08/10/06 JAR101A5
		Dilution Factor: 1		
		Analysis Time: 11:59	•	
Two	101	(00 116)	MGATTI OOO F	00/00 00/10/06 TAR10176
Iron	101	(89 - 116) (89 - 116) 0.73 (0-20)	MCAWW 200.7	08/09-08/10/06 JAR101A6 08/09-08/10/06 JAR101A7
	101	Dilution Factor: 1	MCAWW 200.7	08/09-08/10/06 DARIOIA/
		Analysis Time: 11:59	1	
		marysis iime ii.33		
Magnesium	106	(92 - 113)	MCAWW 200.7	08/09-08/10/06 JAR101A8
-	103	(92 - 113) 0.64 (0-20)	MCAWW 200.7	08/09-08/10/06 JAR101A9
		Dilution Factor: 1		
		Analysis Time: 11:59)	
Data and town	4.00			
Potassium	109	(89 - 114)	MCAWW 200.7	08/09-08/10/06 JAR101CA
	111	(89 - 114) 1.0 (0-20)	MCAWW 200.7	08/09-08/10/06 JAR101CC
		Dilution Factor: 1		
		Analysis Time: 11:59	•	
Sodium	NC,MSB	(90 - 117)	MCAWW 200.7	08/09-08/10/06 JAR101CD
	NC,MSB	(90 - 117) (0-20)		08/09-08/10/06 JAR101CE
		Dilution Factor: 1		• •

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

 $NC\,$ The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

Analysis Time..: 11:59

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

	Lot #:							Matr:	ix WAT	ER
Date Sar	mpled:	08/02/0	6 14:00	Date Receive	ed: 0	8/07/0	06			
PARAMETT	SAMPLE ER AMOUNT		MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOI)	PREPARATION- ANALYSIS DATE	WORK ORDER #
	11100111		11100111	011110	ICLICATOR			<u> </u>		01101111 11
MS Lot-: Calcium	Sample #:	D6H0701	87-001	Prep Batch	#: 6	219529	9			
	140000	50000	186000	ug/L	98		MCAWW	200.7	08/09-08/10/06	
	140000	50000	184000	ug/L	95	0.78	MCAWW	200.7	08/09-08/10/06	JAR101A5
			Dilut	ion Factor: 1						
			Analy	sis Time: 11	:59					
Iron										
11011	ND	1000	1040	ug/L	101		MCAWW	200.7	08/09-08/10/06	JAR101A6
	ND	1000	1050	ug/L	101	0.73	MCAWW		08/09-08/10/06	
			Dilut	ion Factor: 1						
			Analy	sis Time: 11	:59					
Magnesi				1-						
	170000	50000	226000	ug/L	106	0 61		200.7	08/09-08/10/06	
	170000	50000	224000	ug/L ion Factor: 1	103	0.64	MCAWW	200.7	08/09-08/10/06	JARIOIA9
				ysis Time: 11	.59					
			12142	, D10 11mc 1						
Potassi	mı									
	6100	50000	60900	ug/L	109		MCAWW	200.7	08/09-08/10/06	
	6100	50000	61500	ug/L	111	1.0	MCAWW	200.7	08/09-08/10/06	JAR101CC
				tion Factor: 1						
			Analy	sis Time: 11	:59					
Sodium										
	380000	50000	438000	ug/L			MCAWW	200.7	08/09-08/10/06	JAR101CD
				ifiers: NC,	MSB				, ,	
	380000	50000		ug/L			MCAWW	200.7	08/09-08/10/06	JAR101CE
			Qual	ifiers: NC,	MSB					
			Dilut	tion Factor: 1						
			Analy	sis Time: 11	:59					

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

NOTE(S):

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot # Date Sampled		Matrix: WATER								
PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #						
MS Lot-Sample #: D6H070187-002 Prep Batch #: 6219540										
Arsenic	95 95	(79 - 120) (79 - 120) 0.28 (0-30) Dilution Factor: 1 Analysis Time: 04:45	MCAWW 200.8 MCAWW 200.8	08/09-08/16/06 JAR181A4 08/09-08/16/06 JAR181A5						
Barium	97 93	(83 - 118) (83 - 118) 2.7 (0-30) Dilution Factor: 1 Analysis Time: 04:45		08/09-08/16/06 JAR181A6 08/09-08/16/06 JAR181A7						
Cadmium	90 88	(82 - 115) (82 - 115) 2.3 (0-30) Dilution Factor: 1 Analysis Time: 04:45		08/09-08/16/06 JAR181A8 08/09-08/16/06 JAR181A9						
Chromium	100 99	(80 - 124) (80 - 124) 1.0 (0-30) Dilution Factor: 1 Analysis Time: 04:45		08/09-08/16/06 JAR181CA 08/09-08/16/06 JAR181CC						
Lead	93 90	(79 - 119) (79 - 119) 2.7 (0-30) Dilution Factor: 1 Analysis Time: 04:45		08/09-08/16/06 JAR181CD 08/09-08/16/06 JAR181CE						

(57 - 149) 0.92 (0-35) MCAWW 200.8

(64 - 134) 2.8 (0-35) MCAWW 200.8

Dilution Factor: 1
Analysis Time..: 04:45

Dilution Factor: 1
Analysis Time..: 04:45

MCAWW 200.8

MCAWW 200.8

08/09-08/16/06 JAR181CF

08/09-08/16/06 JAR181CG

08/09-08/16/06 JAR181CH

08/09-08/16/06 JAR181CJ

NOTE(S):

Selenium

Manganese

98

99

98

95

Calculations are performed before rounding to avoid round-off errors in calculated results.

(57 - 149)

(64 - 134)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lo								Matr:	ix WAT	ER
Date Samp	led:	08/02/0	6 09:30	Date Receiv	red: 0	8/07/	06			
	SAMPLE	SDIKE	MEASRD		PERCNT				PREPARATION-	WORK
PARAMETER			TRUDOMA	UNITS	RECVRY	RPD	METHOI)	ANALYSIS DATE	ORDER #
MS Lot-Sa	mple #:	D6H0701	87-002	Prep Batch	#: 6	21954	0			
Arsenic										
	ND	40.0	39.2	ug/L	95		MCAWW		08/09-08/16/06	
	ND	40.0	39.1	ug/L	95	0.28	MCAWW	200.8	08/09-08/16/06	JAR181A5
				ion Factor: 1						
			Allary	sis lime	4:45					
Barium										
	11	40.0	49.8	ug/L	97		MCAWW	200.8	08/09-08/16/06	JAR181A6
	11	40.0	48.4	ug/L	93	2.7	MCAWW	200.8	08/09-08/16/06	JAR181A7
				ion Factor: 1						
			Analy	ysis Time: 0	4:45					
Cadmium										
	ND	40.0	36.0	ug/L	90		MCAWW	200 8	08/09-08/16/06	.TA D 1 Q 1 A Q
	ND	40.0	35.2	ug/L	88	2.3	MCAWW		08/09-08/16/06	
				ion Factor: 1					00,00 00,20,00	
			Analy	sis Time: 0	4:45					
Chromium				-					, , ,	
	ND	40.0	42.4	ug/L	100	1 0		200.8	08/09-08/16/06	
	ND	40.0	41.9	ug/L ion Factor: 1	99	1.0	MCAWW	200.8	08/09-08/16/06	JARISICC
				ysis Time: 0						
			rman,	, DID TIME 0	1.13					
Lead										
	ND	40.0	37.6	ug/L	93		MCAWW	200.8	08/09-08/16/06	JAR181CD
	ND	40.0	36.6	ug/L	90	2.7	MCAWW	200.8	08/09-08/16/06	JAR181CE
				tion Factor: 1						
			Analy	ysis Time: 0	4:45					
Manganese	<u>.</u>									
	ND	40.0	40.2	ug/L	98		MCAWW	200.8	08/09-08/16/06	JAR181CF
	ND	40.0	40.6	ug/L	99	0.92	MCAWW		08/09-08/16/06	
			Dilut	ion Factor: 1						
			Analy	sis Time: 0	4:45					
0070										
Selenium	7.8	40.0	16.0	1107 /T	0.0		N// 17 T-TT-7	200 0	08/09-08/16/06	TND10101
	7.8	40.0 40.0	46.9 45.6	ug/L ug/L	98 95	2.8	MCAWW	200.8	08/09-08/16/06	
		20.0		ion Factor: 1		4.0	1-1 CT-7 AA AA	200.0	00/03-00/10/00	OWLIGICA
				ysis Time: 0						
			•							
NOTE(S):									· · · · · · · · · · · · · · · · · · ·	

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H070187

			PREP
PARAMETER	RESULT		BATCH #
Bicarbonate, as Ca		Work Order #: JCMJK1AA MB Lot-Sample #: D6H170000-156	
	ND	5.	5229156
		Dilution Factor: 1	
		Analysis Time: 10:00	
Bromide		Marily Overland II. The Arrest and Maril Course In III. Design control of the	
Bromide	ND	Work Order #: JA4N51AA MB Lot-Sample #: D6H100000-494 0.20 mg/L MCAWW 300.0A 08/08/06 6	7000404
	ND	<i>.</i>	5222494
		Dilution Factor: 1	
		Analysis Time: 18:25	
Carbonate, as CaCO	73	Work Order #: JCMJ01AA MB Lot-Sample #: D6H170000-157	
carsonato, as cace	ND		5229157
	112	Dilution Factor: 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Analysis Time: 10:00	
	٠		
Chloride		Work Order #: JA4N21AA MB Lot-Sample #: D6H100000-489	
	ND		5222489
		Dilution Factor: 1	
		Analysis Time: 18:25	
Fluoride		Work Order #: JA4N11AA MB Lot-Sample #: D6H100000-490	
	ND	0.50 mg/L MCAWW 300.0A 08/08/06 6	5222490
		Dilution Factor: 1	
		Analysis Time: 18:25	
Nitrate		Work Order #: JA4N71AA MB Lot-Sample #: D6H100000-491	
	ND	J	5222491
		Dilution Factor: 1	
		Analysis Time: 18:25	
Nitrite		Work Order #. TAANAIAA MD Let Samale #. Dellinger 402	
NICLICE	ND	Work Order #: JA4N41AA MB Lot-Sample #: D6H100000-492 0.50 mg/L MCAWW 300.0A 08/08/06 6	5222492
	7477	Dilution Factor: 1	0222492
		Analysis Time: 18:25	
		Analysis lime: 18:25	
Sulfate		Work Order #: JA4N91AA MB Lot-Sample #: D6H100000-493	
	ND		5222493
		Dilution Factor: 1	
		Analysis Time: 18:25	
Total Dissolved		Work Order #: JA2X11AA MB Lot-Sample #: D6H080000-523	
Solids			
	ND	10 mg/L MCAWW 160.1 08/08/06 6	5220523
		Dilution Factor: 1	
		Analysis Time: 16:00	

(Continued on next page)

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6H070187

Matrix....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order	#: JCAXT1AA	MB Lot-Sample #:	D6H090000-564	
	ND	10 Dilution Factor Analysis Time		MCAWW 160.1	08/09/06	6221564
NOTE(S):						

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

LOU-Sample #: Dono/018/ Matrix WA	Lot-Sample #:	D6H070187	Matrix:	WATER
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	PERCENT	RECOVERY	RPD			REPARATION-	PREP
PARAMETER	RECOVERY	LIMITS RPD	LIMITS	METHOD	<u>Al</u>	NALYSIS DATE	
рH		WO#:JA9PG1AA	-LCS/JA91	PG1AC-LCSD	LCS Lot-	Sample#: D6H0	90000-337
	100	(97 - 102)		MCAWW 150.1		08/08/06	6221337
	100	(97 - 102) 0.14	(0-5.0)	MCAWW 150.3	1.	08/08/06	6221337
		Dilution Fact	or: 1	Analysis T	fime: 10:5	53	
Bromide		WO#:JA4N51AC	-LCS/JA41	N51AD-LCSD	LCS Lot-	Sample#: D6H1	00000-494
	99	(90 - 110)		MCAWW 300.0	OΑ	08/08/06	6222494
	99	(90 - 110) 0.30	(0-10)	MCAWW 300.0	ΟA	08/08/06	6222494
		Dilution Fact	or: 1	Analysis T	Гіте: 17:5	54	
Chloride						Sample#: D6H1	
	100	•		MCAWW 300.0		08/08/06	
	99	(90 - 110) 0.59					6222489
		Dilution Fact	or: 1	Analysis T	Fime: 17:5	54	
Fluoride		WO#:JA4N11AC	-LCS/JA41	N11AD-LCSD	LCS Lot-	Sample#: D6H1	00000-490
	103	(90 - 110)		MCAWW 300.0	ΔC	08/08/06	6222490
	103	(90 - 110) 0.58	(0-10)	MCAWW 300.0	AC	08/08/06	6222490
		Dilution Fact	or: 1	Analysis T	Fime: 17:5	54	
Nitrate						Sample#: D6H1	
	100	(90 - 110)		MCAWW 300.0		08/08/06	6222491
	99	(90 - 110) 0.36	(0-10)	MCAWW 300.0	ΔA	08/08/06	6222491
		Dilution Fact	or: 1	Analysis T	Fime: 17:5	54	
Nitrite		WO#:JA4N41AC	-LCS/JA41	N41AD-LCSD	LCS Lot-	Sample#: D6H1	00000-492
	102			MCAWW 300.0		08/08/06	
	102	(90 - 110) 0.0	(0-10)	MCAWW 300.0	0A	08/08/06	6222492
		Dilution Fact	or: 1	Analysis T	rime: 17:5	54	
Sulfate		WO#:JA4N91AC	-LCS/JA41	N91AD-LCSD		Sample#: D6H1	00000-493
	100	(90 - 110)		MCAWW 300.0	OΑ	08/08/06	6222493
	100	(90 - 110) 0.35				08/08/06	6222493
		Dilution Fact	or: 1	Analysis 7	Fime: 17:5	54	
Total Dissol	ved	WO#:JA2X11AC	-LCS/JA2	X11AD-LCSD	LCS Lot-	_	
	100	(86 - 106)		MCAWW 160.1	1	08/08/06	
	100	(86 - 106) 0.40			L	08/08/06	6220523
		Dilution Fact	or: 1	Analysis 1	rime: 16:0	00	

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6H070187

Matrix..... WATER

	PERCENT	RECOVERY		RPD		PREPARATION-	PREP
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD	ANALYSIS DATE	BATCH #
Total Dissol	ved	WO#:JCAX	T1AC	-LCS/JCA	XT1AD-LCSD LCS	Lot-Sample#: D6H	090000-564
Solids							
	99	(86 - 106)			MCAWW 160.1	08/09/06	6221564
	99	(86 - 106)	0.0	(0-20)	MCAWW 160.1	08/09/06	6221564
		Dilutio	n Fact	or: 1	Analysis Time.	.: 09:00	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #: D6H070187	Matrix WATER

	SPIKE	MEASURED		PERCNT			PREPARATION-	PREP
PARAMETER	AMOUNT	AMOUNT	UNITS	RECVRY	RPD METHO	D	ANALYSIS DATE	BATCH #
Hq		#OW	:JA9PG1AA	-LCS/JA	PG1AC-LCSD	LCS Lot-Sa	mple#: D6H09000	0-337
	7.00	7.01	No Units	100	MCAWW	150.1	08/08/06	6221337
	7.00	7.02	No Units	100	0.14 MCAWW	150.1	08/08/06	6221337
		D	ilution Fac	tor: 1	Analysis	Time: 10:53		
Bromide		WO#		-LCS/JA	1N51AD-LCSD	LCS Lot-Sa	mple#: D6H10000	0-494
	4.00	3.97	mg/L	99		300.0A	08/08/06	6222494
	4.00	3.95	mg/L	99	0.30 MCAWW	300.0A	08/08/06	6222494
		D	ilution Fac	tor: 1	Analysis	Time: 17:54		
Chloride							mple#: D6H10000	
	20.0	19.9	mg/L	100		A0.00E	08/08/06	6222489
	20.0	19.8	mg/L	99	0.59 MCAWW		08/08/06	6222489
		D	ilution Fac	tor: 1	Analysis	Time: 17:54		
Fluoride		WO#		-LCS/JA	1N11AD-LCSD	LCS Lot-Sa	mple#: D6H10000	0-490
	4.00	4.14	mg/L	103		300.0A	08/08/06	6222490
	4.00	4.11	${ t mg/L}$	103	0.58 MCAWW	300.0A	08/08/06	6222490
		۵	ilution Fac	tor: 1	Analysis	Time: 17:54		
Nitrate				-LCS/JA	1N71AD-LCSD	LCS Lot-Sa	mple#: D6H10000	0-491
	4.00	3.99	mg/L	100		300.0A	08/08/06	6222491
	4.00	3.98	${ t mg/L}$	99	0.36 MCAWW	300.0A	08/08/06	6222491
		D	ilution Fac	tor: 1	Analysis	Time: 17:54		
Nitrite							mple#: D6H10000	
	4.00	4.07	mg/L	102		300.0A	08/08/06	6222492
	4.00	4.07	mg/L	102	0.0 MCAWW		08/08/06	6222492
		D	ilution Fac	tor: 1	Analysis	Time: 17:54		
Sulfate		WO#		-LCS/JA	4N91AD-LCSD	LCS Lot-Sa	mple#: D6H10000	0-493
	20.0	20.0	mg/L	100	MCAWW	300.0A	08/08/06	6222493
	20.0	19.9	mg/L	100	0.35 MCAWW	300.0A	08/08/06	6222493
		D	ilution Fac	tor: 1	Analysis	Time: 17:54		
Total Dissol Solids	.ved	WO#	:JA2X11AC	-LCS/JA	2X11AD-LCSD	LCS Lot-Sa	mple#: D6H08000	0-523
	500	500	mg/L	100	MCAWW	160.1	08/08/06	6220523
	500	498	mg/L	100	0.40 MCAWW	160.1	08/08/06	6220523
		D	ilution Fac	tor: 1	Analysis	Time: 16:00		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6H070187

Matrix....: WATER

	SPIKE	MEASURED		PERCNT				PREPARATION-	PREP
PARAMETER	TNUOMA	TRUOMA	UNITS	RECVRY	RPD	METHOI	<u> </u>	ANALYSIS DATE	BATCH #
Total Dissol	ved	WO#	JCAXT1AC	-LCS/JC	AXT1AI	O-LCSD	LCS Lot-Sar	mple#: D6H09000	0-564
Solids									
	500	496	mg/L	99		MCAWW	160.1	08/09/06	6221564
	500	496	mg/L	99	0.0	MCAWW	160.1	08/09/06	6221564
		D:	llution Fact	or: 1	Z	malysis	Time: 09:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H070187 Matrix.....: WATER

Date Sampled...: 08/02/06 14:00 Date Received..: 08/07/06

PARAMETER	PERCENT RECOVERY		RPD LIMITS METHOD	PREPARATION- PREP ANALYSIS DATE BATCH #
Bromide	100	(80 - 120) (80 - 120) 0.19 Dilution Fa	MCAWW 300.0A 9 (0-20) MCAWW 300.0A	S Lot-Sample #: D6H070187-001 08/08/06 6222494 08/08/06 6222494
Chloride	123 N 123 N	(80 - 120) (80 - 120) 0.0 Dilution Fa	MCAWW 300.0A (0-20) MCAWW 300.0A	S Lot-Sample #: D6H070187-001 08/08-08/09/06 6222489 08/08-08/09/06 6222489
Fluoride	95 95	(80 - 120) (80 - 120) 0.23 Dilution Fa	MCAWW 300.0A 1 (0-20) MCAWW 300.0A	S Lot-Sample #: D6H070187-001 08/08/06 6222490 08/08/06 6222490
Nitrate	98 98	(80 - 120) (80 - 120) 0.09 Dilution Fa	MCAWW 300.0A 9 (0-20) MCAWW 300.0A	S Lot-Sample #: D6H070187-001 08/08/06 6222491 08/08/06 6222491
Nitrite	108 107	(80 - 120) (80 - 120) 0.40 Dilution F	MCAWW 300.0A 0 (0-20) MCAWW 300.0A	S Lot-Sample #: D6H070187-001 08/08/06 6222492 08/08/06 6222492
Sulfate	90 87	(80 - 120) (80 - 120) 1.0 Dilution F	MCAWW 300.0A (0-20) MCAWW 300.0A	S Lot-Sample #: D6H070187-001 08/08-08/09/06 6222493 08/08-08/09/06 6222493

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

 $N\quad \mbox{Spiked analyte recovery is outside stated control limits.}$

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6H070187 Matrix..... WATER

Date Sampled...: 08/02/06 14:00 Date Received..: 08/07/06

PARAMETER Bromide	SAMPLE AMOUNT 0.68 0.68		10.7 10.7 Dilut:	UNITS JAR101CM-MS mg/L mg/L ion Factor: 2 sis Time: 18:	100 100 0	I-MSI	METHOD MS Lot-Sampi MCAWW 300.0A MCAWW 300.0A	PREPARATION- <u>ANALYSIS DATE</u> le #: D6H070187 08/08/06 08/08/06	PREP BATCH # -001 6222494 6222494
Chloride	270 270	200 200	515 N 515 N Dilut:	JAR101CH-MS mg/L mg/L ion Factor: 10 sis Time: 01:	123 123 0	-MSI	-	le #: D6H070187 08/08-08/09/06 08/08-08/09/06	6222489
Fluoride	ND ND	10.0	10.5 10.5 Dilut:	JAR101CF-MS mg/L mg/L ion Factor: 2 sis Time: 18:	95 95 0		MS Lot-Samp MCAWW 300.0A MCAWW 300.0A	le #: D6H070187 08/08/06 08/08/06	-001 6222490 6222490
Nitrate	2.3	10.0	12.2 12.1 Dilut	JAR101CP-MS mg/L mg/L ion Factor: 2 sis Time: 18:	98 98 0		MS Lot-Samp MCAWW 300.0A MCAWW 300.0A	le #: D6H070187 08/08/06 08/08/06	-001 6222491 6222491
Nitrite	ND ND	10.0	10.8 10.7 Dilut	JAR101CK-MS mg/L mg/L ion Factor: 2 sis Time: 18:	108 107 0		O MS Lot-Samp MCAWW 300.0A MCAWW 300.0A	le #: D6H070187 08/08/06 08/08/06	~001 6222492 6222492
Sulfate	960 960	500 500	1410 1390 Dilut	JAR101CR-MS mg/L mg/L ion Factor: 20 sis Time: 08:	90 87 1	-MSI	O MS Lot-Samp MCAWW 300.0A MCAWW 300.0A	• • •	6222493

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H070187 Work Order #...: JAR10-SMP Matrix.....: WATER

JAR10-DUP

Date Sampled...: 08/02/06 14:00 Date Received..: 08/07/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
рH						SD Lot-Sample #:	D6H070187-001	
	7.4	7.4	No Units	0.41	(0-5.0)	MCAWW 150.1	08/08/06	6221337
		Т	ilution Fact	or: 1	Ana	lvsis Time: 13:31		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H070187 Work Order #...: JAR18-SMP Matrix.....: WATER

JAR18-DUP

Date Sampled...: 08/02/06 09:30 Date Received..: 08/07/06

	DUPLICATE			RPD		PREPARATION-	PREP
PARAM RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
Total Dissolved					SD Lot-Sample #:	D6H070187-002	
Solids							
1100	1100	mg/L	0.65	(0-20)	MCAWW 160.1	08/08/06	6220523
		Dilution Fact	tor: 1	Ana	alysis Time: 16:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H070187 Work Order #...: JAQCC-SMP Matrix.....: WATER

JAQCC-DUP

Date Sampled...: 08/04/06 08:30 Date Received..: 08/05/06

RESULT	UNITS	RPD	LIMIT	METHOD SD Lot-Sample #:	PREPARATION- ANALYSIS DATE D6H050152-001	PREP BATCH #
650	mg/L	1.2	•		08/09/06	6221563
	RESULT	RESULT UNITS 650 mg/L	RESULT UNITS RPD	650 mg/L 1.2 (0-20)	RESULT	RESULT UNITS RPD LIMIT METHOD ANALYSIS DATE SD Lot-Sample #: D6H050152-001 650 mg/L 1.2 (0-20) MCAWW 160.1 08/09/06

Custody Record Chain of

SEVERN TRENT

Severn Trent Laboratories, Inc.

STL Denver 4955 Yarrow Street Arvada, CO 80002

						Commonts
e Time	Date		3. Received By	Time	Date	3. Relinquished By
& / Time	Date	7	2. Received By	Time	Date	2. Relinquished By
77/06 1330	Date S	ra Diroll		Date 12:00	Date	1. Relinquished By
	7			her STD	21 Days Prother	24 Hours 48 Hours 7 Days 14 Days
		ecify)		ŀ		e Required
samples are retained	(A ree may be assessed it samples are retained Months longer than 1 month)	Archive For	☐ Disposal By Lab	η Π Return To Client	☐ Poison B ☐ Unknown	Non-Hazard
i complete surface de la complete de	(A fee may be expensed if	-		Sample Disposal		Possible Hazard Identification
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	X	メメ	×		8/2/06 10:45	NESBIT-6592W-6 / 1-L 8
	X		×		-	40V XE / 1 3x VOA
	*		×			/3× vor
	×	X	火			1500mL
		X X X	7		8/2/06/9:30	SCHOUTEN-6892W-5/1-L 8
	X		~		1	L L 1/3×UOA
	*		X			13x VOA
-	X	<u>X</u>	*			1 /500mL
		XXX	7	8	8/2/06 14:00	MURPH-6592W-6/1-L S
	SW RSK EPA	EPI EPA EPA EPA	Unpres. H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	Air Aqueous Sed. Soil	Date Time	Sample I.D. No. and Description (Containers for each sample may be combined on one line)
Conditions of Receipt	160 802 17 200	200 150.	Containers & Preservatives	Matrix		Contract/Purchase Order/Quote No.
Special Instructions/	/ 75	0.1/ -7 1	-	SSP- (049	Carrie SS	COGC Garteld (o. (CO)
	Analysis (Attach list if more space is needed)	SM23	Mike Phillips	ite Contact PEARCY	80302 C. Pea	State
e of 3	303.736,9660 Page_	3 5-	3)/Fax Number	303-939.8880		77 BROMDWAY STOS
336513	4/06		siby	Bryon Grigs by	7	SSPA/COGCC
of Cietadu Niimbar	Date Chain			Project Manager	Projec	STL-4124 (0901) Client

Chain of Custody Record

TRENT STL

Severn Trent Laboratories, Inc.

STL Denver 4955 Yarrow Street Arvada, CO 80002

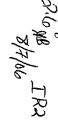
STL-4124 (0901)				
SSPN / COGCC	Project Manager STUGS BU	rosby	8/4/06	Chain of Custody Number 336512
M	Telephone Mumber (Area C	S & & O	Lab Number 303.736-0160	Page 2 of 3
5	Site Contact	Mike Phillips	Anal more	
id (Carrier/Waybill Number SSP-1049		(SMZ0) -7):/	Special Instructions/
Contract/Purchase Order/Quote No.	Matrix	Containers & Preservatives	200 151 160 802	Conditions of Receipt
D. No. and Description ample may be combined on one line) Date	Timθ Air Aqueous Sed. Soil	Unpres. H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	SPA	
11-10NS-SS91W-31 /1-L 872106 11	ld:30 X	×	XXX	
1 / 500ml		*	×	-
/ 3× vog		*	×	
1 1 1 1 1 2× 10th		*	X	
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FAZZ1-5891W-32/ 1-L 8/2/06 9	9:20	K	× × ×	
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1 1 1 1 3xvog V	×	<u>×</u>	×	**************************************
Possible Hazard Identification Skin Irritant Poison B	Sample Disposal ☐ Unknown ☐ Return To Client	ent 🔲 Disposal By Lab 📋	Archive For Months longer than 1 mon	(A fee may be assessed if samples are retained longer than 1 month)
Tum Around Time Required	GLS THE	QC Requirements (Specify)		
		1 Bacaived By	7 /	7
Minder Mark	8/7/06 17rod	i. neceived by	Mark W	8/7/06 1330
2. Relinquished By	Date , Time	2. Received By		Bate Time
3. Relinquished By	Date Time	3. Received By		Date Time
Comments	-			-

Chain of Custody Record



Time Time Air Aqueous Sed. Ali Aqueous Soil Aqueous Anno

Custody Record Chain of



Severn Trent Laboratories, Inc. STL Denver 4955 Yarrow Street Arvada, CO 80002 TRENT STL

3. Relinquished By	2. Relinquished By	1. Relinquished By	24 Hours 48 Hours 7 Days 14 Days 21 Days	mmable Skin Irritant Poison B	Identification	1 1 /3×U0A	13× VOA	1 / SOOML	GREDN-6593W-11/1-L 8/2/06	1 1 / 3×VOA	/3×V0A	/som/	URBAN-5592W-33/1-L 8/3/06	V X K/3×VOA	13×10A	/ SoomL	SALB-6593W-12/1-L 8/2/06	Sample I.D. No. and Description (Containers for each sample may be combined on one line) Date	Contract/Purchase Order/Quote No.	COGC-Gartield Co. (colors do)	0		1877 ISROADWAY STOS	SSPA/COGCC	STL-4124 (0901)
Date	Date	Date F/7	X Other	Unknown					11:25				13:30				10:30	Time		15S	L. Yeacu	Site Contact	300	Siya Siya	
Time	Time	106 17:00	STD	Return To Client	Sample Disposal	*											~ <u>X</u>	Air Aqueous Sed. Soil	Matrix	SSP-1049	acy		303- 93 9-8	Bryon Grigsby	
3. Received By	2. Received By		— Go Deduiements (Specify)			_X	*	*	X	×	X	*	X	X	X	×	κ	Unpres. H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	Containers & Preservatives		Mike Phillips	Lab Contact	28880	4564	
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Date	Date '	8/7/06		h)	ssed if samples														Condi	Spec			Page /	336510	
Time	Time	Time 1330			are retained													. *	Conditions of Receipt	Special Instructions/			of 2	510	

Comments

Chain of Custody Record

TRENT STL

STL Denver4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc.

Custody Record Chain of

SEVERN TRENT

STL Denver

Severn Trent Laboratories, Inc. 4955 Yarrow Street Arvada, CO 80002

STL-4124 (0901) Client TALBOTT-6591W-4/1-L CHENO-6891W-5, Project Name and Location (State)

COG-CC - Garfield Co (Colorado) Address (877 Broadway Comments Relinquished By 2. Relinquished By Relinquished By Non-Hazard Possible Hazard Identification Sample I.D. No. and Description (Containers for each sample may be combined on one line) Contract/Purchase Order/Quote No. 24 Hours Turn Around Time Required LOWD-5892W-33 55PA / COG-CC BOULDER ☐ 48 Hours ☐ Flammable 4 ☐ 7 Days ☐ Skin Irritant 11-6 3xUDA 3×100P SOOML 3x von SXUOR 3xVOA 7-6 500ml SOOML 3× VOR State ☐ 14 Days Zip Code 80302 Poison B 8/4/06 90/1/8 8/3/06 Date 21 Days ☐ Unknown 25.52 02:1 Time Other Date Date **∞** Carrier/Waybill Number Bryon Grigs by Telephone Number (Area Code)/Fax Number Project Manager SSP-1049 303-939, 8880 ☐ Return To Client Sample Disposa X Matrix Time Time 12:00 X X Unpres Disposal By Lab Received By 2. Received By QC Requirements (Specify) Received By H2SO4 Containers & Preservatives X X X HNO3 X HCI NaOH ZnAc/ NaOH ☐ Archive For 300.0 X tPA) X 又 310.1/snazok X X X more space is needed) Analysis (Attach list if X Date / 4/06 303-736-0110 Months X × X 8021 RSK メ 火 (A fee may be assessed if samples are retained longer than 1 month) 200-8 X EPA X Page_ Chain of Custody Number Date Date Special Instructions/ Conditions of Receipt Time 1330 oţ

Chain of Custody Record

TRENT STL

STL Denver 4955 Yarrow Street Arvada, CO 80002

Severn Trent Laboratories, Inc. /

STL-4124 (0901)
Client
SSPA / BRE-6593W-11/ OPE-639/W-2 Possible Hazard Identification BLANK Relinquished By Relinquished By Sample I.D. No. and Description (Containers for each sample may be combined on one line) Contract/Purchase Order/Quote No. Project Name and Location (State) Address Relinquished By 24 Hours HUGHES - 6891W-4/2-L 00600 Non-Hazard ⁻urn Around Time Required KAMDAOSI EESI BOULDER ☐ 48 Hours Garteld ☐ 7 Days Skin Irritant 3x VOA 3×VOA 3× VOT 3xVof 500 m 2-6 7-1 SOOML 1500ml 3×VOA YOAXS, 5703 State 14 Days Zip Code 80305 8/3/06 8/2/06 14:30 8/4/06 14:40 Poison B Date 21 Days ☐ Unknown 12.30 Carrier/Waybill Number Time Other_ Date Telephone Mumber (Area Code)/Fax Number Site Contact Project Manager SSP-1049 303-739,8880 Sample Disposal STY X X メ × X Matrix Time Lab Contact Unpres Received By Disposal By Lab Received By QC Requirements (Specify) Received By H2SO4 Containers & Preservatives X X HNO3 HCI NaOH ZnAc/ NaOH × 300.0 FPA 310.1/SM 23013 X ズ X <u>火</u> 火 Analysis (Attach list if more space is needed) Date /4/06 203. 736-0100 Page Months longer than 1 month) X ፠ × X × Chain of Custody Number 336509 Date d if samples are retained Special Instructions/ Conditions of Receipt Time Time 1330 ð

Comments



STL Denver 4955 Yarrow Street Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171 www.stl-inc.com

ANALYTICAL REPORT

Garfield County Water/Gas Sampling

Lot D6H110363

Christine Pearcy

S. S. Papadopulos & Associates, Inc. 1877 Broadway Suite 703 Boulder, CO 80302-5245

SEVERN TRENT LABORATORIES, INC. / STL DENVER

Michael P. Phillips

michael 20. schillipse

Project Manager

August 28, 2006

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Table Of Contents

Standard Deliverables

Report Contents

Total Number of Pages

Standard Deliverables

The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.

- Table of Contents
- Case Narrative
- Executive Summary Detection Highlights
- Methods Summary
- Method/Analyst Summary
- Lot Sample Summary
- Analytical Results
- QC Data Association Summary
- Chain-of-Custody

CASE NARRATIVE D6H110363

The following report contains the analytical results for twenty four samples and two trip blanks submitted to STL Denver by S. S. Papadopulos & Associates for the Garfield County Water/Gas Sampling Project. The samples were received August 11, 2006, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter listed on the methods summary page in accordance with the method indicated. A summary of QC data for this analysis is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition at cooler temperatures of 1.7°C, 3.8°C, 4.1°C, and 1.4°C.

STL uses a holding time of 24 hours for pH by Method 150.1 to allow for sample shipment. However, the analysis for pH by Method 150.1 should be performed in the field immediately following sampling. Most of the analyses for pH were performed by the lab outside of STL's holding time of 24 hours. In addition, most of the Nitrate and Nitrite analyses by Method 300.0A were performed outside the holding time of 48 hours due to the samples arriving at the lab past the holding time. The client was notified on August 14, 2006 and the lab was advised to proceed with the analyses.

Two samples, labeled ARMSTRONG-5S91W-30D and COLLER-5S91W-4D, were received that were not listed on the chain-of-custody. Both of these samples were logged for BTEX/MTBE by SW846 8021B and RSK SOP-175 based on the types of sample containers received and the labels on the sample containers. Two Trip Blanks were received that were listed on the chain-of-custody, but with no analyses specified. Both Trip Blanks were logged for analysis for BTEX/MTBE by SW846 8021B. The client was notified on August 14, 2006.

No other anomalies were observed.

BTEX / MTBE, SW846 Method 8021B

No anomalies were observed.

Dissolved Methane, RSK SOP-175

No MS/MSD could be performed due to insufficient sample volume for batch 6227654; however, a LCS/LCSD pair was analyzed to demonstrate method precision. In addition, a MS/MSD was analyzed for batch 6228564 using a sample from another client and/or lot and all results were in control.

No other anomalies were observed.

Total Metals, EPA Method 200.8

The percent recoveries and the relative percent difference of the MS/MSD associated with batch 6226336 performed using a sample from another client and/or lot were not calculated for Lead and Manganese because the sample concentrations were greater than four times the spike amounts.

No other anomalies were observed.

Major Cation, EPA Method 200.7

The MS/MSD performed using sample WHITT-6S91W-6 for batch 6226354 exhibited MS and MSD recoveries outside control limits for Calcium. The MS/MSD performed using a sample from another client and/or lot for batch 6226355 exhibited MS and MSD recoveries outside control limits for Potassium. Also for batch 6226355, the percent recoveries for the MS/MSD and the relative percent difference were not calculated for Sodium because the sample concentration was greater than four times the spike amount. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

The serial dilution for Calcium in batch 6226354 did not meet the control criteria due to physical or chemical interferences. The Calcium results associated with this batch are flagged with "L" in the report as a result.

No other anomalies were observed.

Major Anions, EPA Method 300.0

All of the samples except COLLER-5S91W-4 required dilutions for one or more of the Major Anions due to the high concentrations of the target analytes in the samples or matrix interferences. The reporting limits have been adjusted relative to the dilutions required and the results have been flagged with "Q" or "G" in the report.

The MS/MSD performed using sample WHITT-6S91W-6 exhibited MS and/or MSD recoveries outside control limits for Bromide, Fluoride, and Nitrate. The MS recovery for Chloride using WHITT-6S91W-6 was within the control limits but was an estimated result because the measured concentration exceeded the calibration range. Although the MS/MSD performed using sample WHITT-6S91W-6 was in control for Nitrite for batch 6227300, the MS/MSD performed using a sample from another client and/or lot for batch 6227205 exhibited a relative percent difference that was above the upper control limit. Because all of the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interferences and no corrective action was taken.

No other anomalies were observed.

Alkalinity, pH, and Total Dissolved Solids, EPA Methods 310.1, 150.1, and 160.1

Sample MILLER-5S92W-34 required a dilution for Total Dissolved Solids due to the high concentration of the target analyte in the sample. The reporting limit has been adjusted relative to the dilution required and the result has been flagged with "Q" in the report.

No other anomalies were observed.

${\bf EXECUTIVE\ SUMMARY\ -\ Detection\ Highlights}$

D6H110363

	PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD				
WHITT-	-6S91W-6 08/08/06 10:00 001								
				<i>t</i> _					
	Calcium	80000 L	200	ug/L	MCAWW 200.7				
	Iron	100	100	ug/L	MCAWW 200.7				
	Magnesium	32000	200	ug/L	MCAWW 200.7				
	Sodium	120000	5000	ug/L	MCAWW 200.7				
	Barium	35	1.0	ug/L	MCAWW 200.8				
	Manganese	15	1.0	ug/L	MCAWW 200.8				
	Selenium	6.7	5.0	ug/L	MCAWW 200.8				
	рн	7.4	0.10	No Units	MCAWW 150.1				
	Total Dissolved Solids	670	10	mg/L	MCAWW 160.1				
	Chloride	26	3.0	mg/L	MCAWW 300.0A				
	Sulfate	130 Q	25	mg/L	MCAWW 300.0A				
	Fluoride	1.2	0.50	mg/L	MCAWW 300.0A				
	Nitrate	0.60	0.50	mg/L	MCAWW 300.0A				
	Bicarbonate, as CaCO3	420	5.0	mg/L	MCAWW 310.1				
MELLO-	-5S92W-26 08/08/06 17:15 002								
	Calcium	50000 L	200	ug/L	MCAWW 200.7				
	Magnesium	52000	200	ug/L	MCAWW 200.7				
	Potassium	6300	3000	ug/L	MCAWW 200.7				
	Sodium	110000	5000	ug/L	MCAWW 200.7				
	Barium	18	1.0	ug/L	MCAWW 200.8				
	Selenium	5.7	5.0	ug/L	MCAWW 200.8				
	рн	7.7	0.10	No Units	MCAWW 150.1				
	Total Dissolved Solids	680	10	mg/L	MCAWW 160.1				
	Chloride	11	3.0	mg/L	MCAWW 300.0A				
	Sulfate	180 Q	25	mg/L	MCAWW 300.0A				
	Fluoride	0.83	0.50	mg/L	MCAWW 300.0A				
	Nitrate	8.3	0.50	mg/L	MCAWW 300.0A				
	Bicarbonate, as CaCO3	340	5.0	mg/L	MCAWW 310.1				
BECKE	R-6S91W-6 08/08/06 11:50 003								
	Calcium	43000 L	200	ug/L	MCAWW 200.7				
	Magnesium	15000	200	ug/L	MCAWW 200.7				
	Sodium	200000	5000	ug/L	MCAWW 200.7				
	Barium	20	1.0	ug/L	MCAWW 200.8				
	Selenium	21	5.0	ug/L	MCAWW 200.8				
	рн	7.6	0.10	No Units	MCAWW 150.1				
	Total Dissolved	680	10	mg/L	MCAWW 160.1				
	Solids								

(Continued on next page)

${\bf EXECUTIVE\ SUMMARY\ -\ Detection\ Highlights}$

D6H110363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
BECKER-6S91W-6 08/08/06 11:50 003				
Chloride	9.5	3.0	mg/L	MCAWW 300.0A
Sulfate	110 Q	25	mg/L	MCAWW 300.0A
Fluoride	1.4	0.50	mg/L	MCAWW 300.0A
Nitrate	0.70	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	450	5.0	mg/L	MCAWW 310.1
MARTIN-6S91W-5 08/07/06 12:20 004				
Calcium	100000 L	200	ug/L	MCAWW 200.7
Magnesium	21000	200	ug/L	MCAWW 200.7
Sodium	29000	5000	ug/L	MCAWW 200.7
Barium	38	1.0	ug/L	MCAWW 200.8
рн	7.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	440	10	mg/L	MCAWW 160.1
Chloride	7.8	3.0	mg/L	MCAWW 300.0A
Sulfate	51 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.65	0.50	mg/L	MCAWW 300.0A
Nitrate	1.1	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	340	5.0	mg/L	MCAWW 310.1
BELLIO2-5S91W-32 08/09/06 11:15 005	;			
Calcium	67000 Ь	200	ug/L	MCAWW 200.7
Magnesium	46000	200	ug/L	MCAWW 200.7
Sodium	190000	5000	ug/L	MCAWW 200.7
Barium	10	1.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	910	10	mg/L	MCAWW 160.1
Chloride	10	3.0	mg/L	MCAWW 300.0A
Sulfate	260 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.84	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	500	5.0	mg/L	MCAWW 310.1
MILLER-5S92W-34 08/07/06 11:40 007				
Calcium	250000 L	200	ug/L	MCAWW 200.7
Magnesium	47000	200	ug/L	MCAWW 200.7
Potassium	6100	3000	ug/L	MCAWW 200.7
Sodium	1500000	5000	ug/L	MCAWW 200.7
Arsenic	8.2	5.0	ug/L	MCAWW 200.8
Barium	14	1.0	ug/L	MCAWW 200.8

(Continued on next page)

D6H110363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MILLER-5S92W-34 08/07/06 11:40 007				
MILLER-5S92W-34 08/07/06 11:40 007				
Lead	1.0	1.0	ug/L	MCAWW 200.8
Manganese	5.3	1.0	ug/L	MCAWW 200.8
Selenium	120	5.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved	5500 Q	20	mg/L	MCAWW 160.1
Solids	700 0	4.50	/	
Chloride	780 Q	150	mg/L	MCAWW 300.0A
Sulfate	2700 Q	500	mg/L	MCAWW 300.0A
Nitrate	5.4 G	1.0	mg/L	MCAWW 300.0A
Bromide	2.5 G	0.40	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	290	5.0	mg/L	MCAWW 310.1
COULTER-5S92W-34 08/07/06 15:15 008	3			
Calcium	97000 L	200	ug/L	MCAWW 200.7
Magnesium	86000	200	ug/L	MCAWW 200.7
Sodium	310000	5000	ug/L	MCAWW 200.7
Barium	14	1.0	ug/L	MCAWW 200.8
Lead	1.2	1.0	ug/L	MCAWW 200.8
Manganese	1.6	1.0	ug/L	MCAWW 200.8
Selenium	20	5.0	ug/L	MCAWW 200.8
рн	7.6	0.10	No Units	MCAWW 150.1
Total Dissolved	1600	10	mg/L	MCAWW 160.1
Solids			5,	
Chloride	160 Q	60	mg/L	MCAWW 300.0A
Sulfate	630 Q	100	mg/L	MCAWW 300.0A
Fluoride	1.2	0.50	mg/L	MCAWW 300.0A
Nitrate	1.9	0.50	mg/L	MCAWW 300.0A
Bromide	0.30	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	410	5.0	mg/L	MCAWW 310.1
HINKLE-6S92W-4 08/08/06 09:00 009			·	
Calcium	90000 L	200	ug/L	MCAWW 200.7
Iron	900	100	ug/L	MCAWW 200.7
Magnesium	59000	200	ug/L	MCAWW 200.7
Potassium	4100	3000	ug/L	MCAWW 200.7
Sodium	170000	5000	ug/L	MCAWW 200.7
Barium	17	1.0	ug/L	MCAWW 200.8
Manganese	3.0	1.0	ug/L	MCAWW 200.8
Selenium	6.3	5.0	ug/L ug/L	MCAWW 200.8
рн	7.4	0.10	No Units	MCAWW 150.1
Total Dissolved	970	10	mg/L	MCAWW 160.1
Solids	5,0	± 0	g/ 11	TOTANN TOO.T

D6H110363

		REPORTING		ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
HINKLE-6S92W-4 08/08/06 09:00 009				
Chloride	51 Q	6.0	mg/L	MCAWW 300.0A
Sulfate	300 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.50	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	400	5.0	mg/L	MCAWW 310.1
OLIVER-5S92W-26 08/08/06 14:30 011				
Calcium	61000 L	200	ug/L	MCAWW 200.7
Iron	230	100	ug/L	MCAWW 200.7
Magnesium	58000	200	ug/L	MCAWW 200.7
Potassium	5400	3000	ug/L	MCAWW 200.7
Sodium	34000	5000	ug/L	MCAWW 200.7
Barium	20	1.0	ug/L	MCAWW 200.8
Lead	1.1	1.0	ug/L	MCAWW 200.8
Manganese	2.2	1.0	ug/L	MCAWW 200.8
Н	7.7	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	530	10	mg/L	MCAWW 160.1
Chloride	9.4	3.0	mg/L	MCAWW 300.0A
Sulfate	150 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.55	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	290	5.0	mg/L	MCAWW 310.1
WALTER-6S92W-4 08/08/06 16:30 012				
Calcium	110000 L	200	ug/L	MCAWW 200.7
Magnesium	66000	200	ug/L	MCAWW 200.7
Potassium	3400	3000	ug/L	MCAWW 200.7
Sodium	170000	5000	ug/L	MCAWW 200.7
Barium	12	1.0	ug/L	MCAWW 200.8
Selenium	6.9	5.0	ug/L	MCAWW 200.8
рн	7.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1000	10	mg/L	MCAWW 160.1
Chloride	32	3.0	mg/L	MCAWW 300.0A
Sulfate	380 Q	100	mg/L	MCAWW 300.0A
Fluoride	0.54	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	430	5.0	mg/L	MCAWW 310.1

D6H110363

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
LAYMAN-5S92W-25 08/09/06 10:30 013					
Calcium	150000 L	200	ug/L	MCAWW 200.7	
Magnesium	67000	200	ug/L	MCAWW 200.7	
Potassium	4100	3000	ug/L	MCAWW 200.7	
Sodium	290000	5000	ug/L	MCAWW 200.7	
Barium	42	1.0	ug/L	MCAWW 200.8	
Manganese	8.7	1.0	ug/L	MCAWW 200.8	
Selenium	27	5.0	ug/L	MCAWW 200.8	
рн	7.3	0.10	No Units	MCAWW 150.1	
Total Dissolved Solids	1600	10	mg/L	MCAWW 160.1	
Chloride	250 Q	60	mg/L	MCAWW 300.0A	
Sulfate	790 Q	100	mg/L	MCAWW 300.0A	
Fluoride	0.92	0.50	mg/L	MCAWW 300.0A	
Nitrate	22	0.50	mg/L	MCAWW 300.0A	
Bromide	0.61	0.20	mg/L	MCAWW 300.0A	
Bicarbonate, as CaCO3	450	5.0	mg/L	MCAWW 310.1	
GUCINI-6S91W-5 08/07/06 10:50 014					
Calcium	77000 L	200	ug/L	MCAWW 200.7	
Iron	110	100	ug/L	MCAWW 200.7	
Magnesium	17000	200	ug/L	MCAWW 200.7	
Sodium	57000	5000	ug/L	MCAWW 200.7	
Barium	32	1.0	ug/L	MCAWW 200.8	
Manganese	41	1.0	ug/L	MCAWW 200.8	
рн	7.5	0.10	No Units	MCAWW 150.1	
Total Dissolved Solids	440	10	mg/L	MCAWW 160.1	
Chloride	3.8	3.0	mg/L	MCAWW 300.0A	
Sulfate	74 Q	25	mg/L	MCAWW 300.0A	
Fluoride	0.59	0.50	mg/L	MCAWW 300.0A	
Bicarbonate, as CaCO3	290	5.0	mg/L	MCAWW 310.1	
ARMSTRONG-5S91W-30 08/07/06 17:00 015					
Calcium	19000 L	200	ug/L	MCAWW 200.7	
Iron	210	100	ug/L	MCAWW 200.7	
Magnesium	2400	200	ug/L	MCAWW 200.7	
Sodium	170000	5000	ug/L	MCAWW 200.7	
Barium	24	1.0	ug/L	MCAWW 200.8	
Manganese	6.1	1.0	ug/L	MCAWW 200.8	
рн	7.8	0.10	No Units	MCAWW 150.1	
Total Dissolved	520	10	mg/L	MCAWW 160.1	
Solids			<u>.</u>		

D6H110363

		REPORTIN	ſĠ	ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
ARMSTRONG-5S91W-30 08/07/06 17:00	015			
Chloride	6.3	3.0	mg/L	MCAWW 300.0A
Sulfate	130 Q	25	mg/L	MCAWW 300.0A
Fluoride	1.1	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	260	5.0	mg/L	MCAWW 310.1
HOLSAN-6S91W-6 08/10/06 10:30 016	5			
Calcium	19000 L	200	ug/L	MCAWW 200.7
Iron	150	100	ug/L	MCAWW 200.7
Magnesium	1300	200	ug/L	MCAWW 200.7
Sodium	270000	5000	ug/L	MCAWW 200.7
Barium	29	1.0	ug/L	MCAWW 200.8
Manganese	85	1.0	ug/L	MCAWW 200.8
рн	7.9	0.10	No Units	MCAWW 150.1
Total Dissolved	730	10	mg/L	MCAWW 160.1
Solids				
Chloride	70 Q	15	mg/L	MCAWW 300.0A
Sulfate	130 Q	25	mg/L	MCAWW 300.0A
Fluoride	3.4	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	360	5.0	mg/L	MCAWW 310.1
MOEN-6S92W-6 08/10/06 09:00 017				
Calcium	42000 L	200	ug/L	MCAWW 200.7
Magnesium	33000	200	ug/L	MCAWW 200.7
Potassium	4800	3000	ug/L	MCAWW 200.7
Sodium	570000	5000	ug/L	MCAWW 200.7
Barium	14	1.0	ug/L	MCAWW 200.8
Selenium	100	5.0	ug/L	MCAWW 200.8
рн	7.9	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1800	10	mg/L	MCAWW 160.1
Chloride	210 Q	60	mg/L	MCAWW 300.0A
Sulfate	690 Q	100	mg/L	MCAWW 300.0A
Fluoride	1.3	0.50	mg/L	MCAWW 300.0A
Nitrate	8.6	0.50	mg/L	MCAWW 300.0A
Bromide	0.58	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	450	5.0	mg/L	MCAWW 310.1

D6H110363

	PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
COLLE	R-5S91W-4 08/10/06 11:00 018				
	Calcium	90000 L	200	ug/L	MCAWW 200.7
	Magnesium	30000	200	ug/L	MCAWW 200.7
	Sodium	10000	5000	ug/L	MCAWW 200.7
	Barium	79	1.0	ug/L	MCAWW 200.8
	На	7.4	0.10	No Units	MCAWW 150.1
	Total Dissolved	400	10	mg/L	MCAWW 160.1
	Solids			5, -	
	Chloride	3.0	3.0	mg/L	MCAWW 300.0A
	Sulfate	29	5.0	mg/L	MCAWW 300.0A
	Nitrate	1.2	0.50	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	320	5.0	mg/L	MCAWW 310.1
WALKE	R-5S92W-25 08/09/06 18:45 019				
	Calcium	38000 L	200	ug/L	MCAWW 200.7
	Magnesium	17000	200	ug/L	MCAWW 200.7
	Sodium	180000	5000	ug/L	MCAWW 200.7
	Barium	15	1.0	ug/L	MCAWW 200.8
	Selenium	16	5.0	ug/L	MCAWW 200.8
	рн	7.8	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	650	10	mg/L	MCAWW 160.1
	Chloride	14	3.0	mg/L	MCAWW 300.0A
	Sulfate	180 Q	100	mg/L	MCAWW 300.0A
	Fluoride	1.5	0.50	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	340	5.0	mg/L	MCAWW 310.1
BELLIC	D1-6S92W-2 08/09/06 12:15 020				
	Calcium	100000 L	200	ug/L	MCAWW 200.7
	Magnesium	760000 H	200	ug/L	MCAWW 200.7
	Potassium	3400	3000	ug/L	MCAWW 200.7
	Sodium	230000	5000	ug/L	MCAWW 200.7
	Barium	11	1.0	ug/L ug/L	MCAWW 200.7
	Manganese	1.9	1.0	ug/L ug/L	MCAWW 200.8
	рН	7.4	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	1200	10	mg/L	MCAWW 160.1
	Chloride	21	3.0	mg/L	MCAWW 300.0A
	Sulfate	410 Q	100	mg/L	MCAWW 300.0A
	Fluoride	0.95	0.50	mg/L	MCAWW 300.0A
	Nitrate	2.7	0.50	mg/L	MCAWW 300.0A
•	Bicarbonate, as CaCO3	550	5.0	mg/L	MCAWW 310.1
	•				

D6H110363

	PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SAM-5S	91W-31 08/09/06 11:30 021				
	Calcium	28000 L	200	ug/L	MCAWW 200.7
	Iron	160	100	ug/L	MCAWW 200.7
	Magnesium	10000	200	ug/L	MCAWW 200.7
	Sodium	340000	5000	ug/L	MCAWW 200.7
	Barium	13	1.0	ug/L	MCAWW 200.8
	Manganese	2.1	1.0	ug/L	MCAWW 200.8
	Selenium	22	5.0	ug/L	MCAWW 200.8
	рН	7.9	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	980	10	mg/L	MCAWW 160.1
	Chloride	22	3.0	mg/L	MCAWW 300.0A
	Sulfate	370 Q	100	mg/L	MCAWW 300.0A
	Fluoride	1.1	0.50	mg/L	MCAWW 300.0A
	Nitrate	0.92	0.50	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	420	5.0	mg/L	MCAWW 310.1
ZAR-6S	92W-3 08/09/06 15:30 022			3.	
	Calcium	100000 L	200	ug/L	MCAWW 200.7
	Magnesium	62000	200	ug/L	MCAWW 200.7
	Potassium	3100	3000	ug/L	MCAWW 200.7
	Sodium	180000	5000	ug/L	MCAWW 200.7
	Barium	9.4	1.0	ug/L	MCAWW 200.8
	Manganese	1.8	1.0	ug/L	MCAWW 200.8
	Selenium	5.9	5.0	ug/L	MCAWW 200.8
	рН	7.4	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	1000	10	mg/L	MCAWW 160.1
	Chloride	30	3.0	mg/L	MCAWW 300.0A
	Sulfate	360 Q	100	mg/L	MCAWW 300.0A
	Fluoride	0.54	0.50	mg/L	MCAWW 300.0A
	Nitrate	0.96	0.50	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	440	5.0	mg/L	MCAWW 310.1
BELLIO	3-6S92W-2 08/09/06 13:16 023				
	Calcium	100000	200	ug/L	MCAWW 200.7
	Magnesium	100000	200	ug/L	MCAWW 200.7
	Potassium	3600	3000	ug/L	MCAWW 200.7
	Sođium	95000	5000	ug/L	MCAWW 200.7
	Barium	11	1.0	ug/L	MCAWW 200.8
	Manganese	1.4	1.0	ug/L	MCAWW 200.8
	Selenium	12	5.0	ug/L	MCAWW 200.8

D6H110363

		REPORTING		ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
BELLIO3-6S92W-2 08/09/06 13:16 023				
рн	7.3	0.10	No Units	MCAWW 150.1
Total Dissolved	990	10	mg/L	MCAWW 160.1
Solids				
Chloride	7.8	3.0	mg/L	MCAWW 300.0A
Sulfate	280 Q	100	mg/L	MCAWW 300.0A
Fluoride	0.60	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	510	5.0	mg/L	MCAWW 310.1

METHODS SUMMARY

D6H110363

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	MCAWW 150.1	MCAWW 150.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Bromide	MCAWW 300.0A	MCAWW 300.0A
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Dissolved Gasses in Water	RSK SOP-175	
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	MCAWW 200.7	MCAWW 200.7
ICP-Mass Spectrometry ICP-Mass SPectrometry	MCAWW 200.8	MCAWW 200.8
Nitrate as N	MCAWW 300.0A	MCAWW 300.0A
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Volatiles by GC	SW846 8021B	SW846 5030

References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D6H110363

ANALYTICAL					
METHOD		ANALYST	ID		
MCAWW 150	· -	Danielle M. Fougere	006481		
MCAWW 160		Christopher Grisdale	009582		
MCAWW 200		Janel Motichka	002862		
MCAWW 200	.7	Lynn-Anne Trudell	006645		
MCAWW 200	.7	Lynn-Anne Trudell	6645		
MCAWW 200	.8	Yong-ming Ding	011576		
MCAWW 200	.8	Yong-ming Ding	11576		
MCAWW 300	.0A	Ewa Kudla	001167		
MCAWW 300	.0A	Ewa Kudla	1167		
MCAWW 310	.1	Andrew M. Perlman	008060		
RSK SOP-1	75	Patrick Quirk	006795		
SW846 802	1B	Adam Pavlakovich	003128		
Reference	s:				
MCAWW		l Analysis of Water and Wastes",			
	EPA-600/4-79-020, March 1983 and subsequent revisions.				
RSK	RSK Sample Prep and Calculations for Dissolved Gas Analysis				
	-	ng a GC Headspace Equilibration			
	Technique, RSKSOP-17	5, REV. 0, 8/11/94, USEPA Research L	ab		
			_		
SW846		aluating Solid Waste, Physical/Chemi	cal		
	Methods", Third Edit	ion, November 1986 and its updates.			

SAMPLE SUMMARY

D6H110363

WO # £	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JA7VL	001	WHITT-6S91W-6	08/08/06	10:00
JA7VQ	002	MELLO-5S92W-26	08/08/06	17:15
JA7VT	003	BECKER-6S91W-6	08/08/06	11:50
JA7VW	004	MARTIN-6S91W-5	08/07/06	12:20
JA7V0	005	BELLIO2-5S91W-32	08/09/06	11:15
JA7V4	006	TRIP BLANK	08/09/06	
JA7V8	007	MILLER-5S92W-34	08/07/06	11:40
JA7V9	800	COULTER-5S92W-34	08/07/06	15:15
JA7WA	009	HINKLE-6S92W-4	08/08/06	09:00
JA7WC	010	HINKLE-6S92W-4D	08/08/06	09:00
JA7WF	011	OLIVER-5S92W-26	08/08/06	14:30
JA7WH	012	WALTER-6S92W-4	08/08/06	16:30
JA7WL	013	LAYMAN-5S92W-25	08/09/06	10:30
JA7WP	014	GUCINI-6S91W-5	08/07/06	10:50
JA7WQ	015	ARMSTRONG-5S91W-30	08/07/06	
JA7WR	016	HOLSAN-6S91W-6	08/10/06	10:30
$\mathtt{JA7WT}$	017	MOEN-6S92W-6	08/10/06	09:00
JA7W2	018	COLLER-5S91W-4	08/10/06	11:00
JA7W3	019	WALKER-5S92W-25	08/09/06	18:45
JA7XA	020	BELLIO1-6S92W-2	08/09/06	12:15
JA7XC	021	SAM-5S91W-31	08/09/06	11:30
JA7XE	022	ZAR-6S92W-3	08/09/06	15:30
JA7XF	023	BELLIO3-6S92W-2	08/09/06	13:16
JA7XG	024	TRIP BLANK	08/11/06	08:00
JA7XJ	025	ARMSTRONG-5S91W-30D	08/07/06	17:00
JA7XM	026	COLLER-5S91W-4D	08/10/06	11:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Client Sample ID: WHITT-6S91W-6

GC Volatiles

Lot-Sample #:	D6H110363-001	Work Order #: JA7VL1A3	Matrix WATER

 Date Sampled...:
 08/08/06
 10:00
 Date Received...
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...
 12:41

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: MELLO-5S92W-26

GC Volatiles

Lot-Sample #:	D6H110363-002	Work Order #:	JA7VQ1AE	Matrix:	WATER
Date Sampled:	08/08/06 17:15	Date Received:	08/11/06		
Prep Date:	08/14/06	Analysis Date:	08/14/06		
Prep Batch #:	6227654	Analysis Time:	12:46		
Dilution Factor:	1				
		Method:	RSK SOP-175		
			REPORTING		

LIMIT

5.0

UNITS

ug/L

RESULT

ND

PARAMETER

Methane

Client Sample ID: BECKER-6S91W-6

GC Volatiles

Lot-Sample #: D6H110363-003	Work Order #: JA7VT1AE	Matrix WATER
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 Date Sampled...:
 08/08/06
 11:50
 Date Received...
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...
 12:51

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: MARTIN-6S91W-5

GC Volatiles

Lot-Sample #...: D6H110363-004 Work Order #...: JA7VW1AE Matrix...... WATER

 Date Sampled...:
 08/07/06
 12:20
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 12:56

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: BELLIO2-5S91W-32

GC Volatiles

Lot-Sample #:	D6H110363-005	Work	Order #:	JA7V01AE	Matrix:	WATER
Date Sampled:	08/09/06 11:15	Date	Received:	08/11/06		

 Prep Date.....:
 08/09/06
 11:15
 Date Received..:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date..:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time..:
 13:01

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: MILLER-5S92W-34

GC Volatiles

Lot-Sample #:	D6H110363-007	Work Orde	r #: JA7V81AE	Matrix:	WATER
Date Compled	00/07/06 11 40	D-4- D			

 Date Sampled...:
 08/07/06
 11:40
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 13:06

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: COULTER-5S92W-34

GC Volatiles

Lot-Sample #:	D6H110363-008	Work Order #:	JA7V91AE	Matrix:	WATER
Date Sampled:	08/07/06 15:15	Date Received:	08/11/06		
Prep Date:	08/14/06	Analysis Date:	08/14/06		
Prep Batch #:	6227654	Analysis Time:	13:11		
Dilution Factor:	1				
		Method:	RSK SOP-175		
			REPORTING		

LIMIT

UNITS

ug/L

RESULT

ND

PARAMETER

Methane

Client Sample ID: HINKLE-6S92W-4

GC Volatiles

Lot-Samp.	le #:	D6H110363-009	Work Order	#: JA7WA1AE	Matrix.		WATER
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 Date Sampled...:
 08/08/06 09:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 13:16

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: HINKLE-6S92W-4D

GC Volatiles

Lot-Sample #:	D6H110363-010	Work Order	#: JA7WC1AC	Matrix:	WATER
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 Date Sampled...:
 08/08/06
 09:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 13:21

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: OLIVER-5S92W-26

GC Volatiles

Lot-Sample #...: D6H110363-011 Work Order #...: JA7WF1AE Matrix...... WATER

 Date Sampled...:
 08/08/06
 14:30
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 13:26

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: WALTER-6S92W-4

GC Volatiles

Lot-Sample #: D6H110363-012 W	Work Order #:	JA7WH1AE	Matrix	WATER
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 Date Sampled...:
 08/08/06
 16:30
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 13:36

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: LAYMAN-5S92W-25

GC Volatiles

Lot-Sample #:	D6H110363-013	Work Order #:	JA7WL1AE	Matrix:	WATER
Date Sampled:	08/09/06 10:30	Date Received:	08/11/06		
Prep Date:	08/14/06	Analysis Date:	08/14/06		
Prep Batch #:	6227654	Analysis Time:	13:41		
Dilution Factor:	1				
		Method:	RSK SOP-175		
			REPORTING		

KEFOKI IN

Client Sample ID: GUCINI-6S91W-5

GC Volatiles

Lot-Sample #: D6H110363-014	Work Order #: JA7WP1AE	Matrix WATER
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 Date
 Sampled...:
 08/07/06
 10:50
 Date
 Received...:
 08/11/06

 Prep
 Date....:
 08/14/06
 Analysis
 Date...:
 08/14/06

 Prep
 Batch #...:
 6227654
 Analysis
 Time...:
 13:46

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: ARMSTRONG-5S91W-30

GC Volatiles

Lot-Sample #...: D6H110363-015 Work Order #...: JA7WQ1AE Matrix.....: WATER

 Date Sampled...:
 08/07/06 17:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 13:51

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: HOLSAN-6S91W-6

GC Volatiles

Lot-Sample #:	D6H110363-016	Work Order #:	JA7WR1AE	Matrix:	WATER
Date Sampled:	08/10/06 10:30	Date Received:	08/11/06		
Prep Date:	08/14/06	Analysis Date:	08/14/06		
Prep Batch #:	6227654	Analysis Time:	13:56		
Dilution Factor:	1				
		Method:	RSK SOP-175		
			REPORTING		

Client Sample ID: MOEN-6S92W-6

GC Volatiles

Lot-Sample #...: D6H110363-017 Work Order #...: JA7WT1AE Matrix...... WATER

 Date Sampled...:
 08/10/06
 09:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...:
 14:01

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: COLLER-5S91W-4

GC Volatiles

Lot-Sample #:	D6H110363-018	Work Order #:	JA7W21AE	Matrix:	WATER
Date Sampled:	08/10/06 11:00	Date Received:	08/11/06		
Prep Date:	08/14/06	Analysis Date:	08/14/06		
Prep Batch #:	6227654	Analysis Time:	14:05		

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: WALKER-5S92W-25

GC Volatiles

Lot-Sample #:	D6H110363-019 I	Work Order #:	JA7W31AE	Matrix WATER	_
. befores ated	09/09/06 10:45 3	Data Regained .	00/11/06		

 Date Sampled...:
 08/09/06
 18:45
 Date Received...
 08/11/06

 Prep Date....:
 08/14/06
 Analysis Date...
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...
 14:10

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: BELLIO1-6S92W-2

GC Volatiles

Lot-Sample #: D6H110363-020	Work Order #: JA7XA1AE	Matrix WATER
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 Date Sampled...:
 08/09/06
 12:15
 Date Received...
 08/11/06

 Prep Date.....:
 08/14/06
 Analysis Date...
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time...
 14:15

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: SAM-5S91W-31

GC Volatiles

Lot-Sample #:	D6H110363-021	Work Order #:	JA7XC1AE	Matrix:	WATER
Date Sampled:	08/09/06 11:30	Date Received:	08/11/06		
Prep Date:	08/15/06	Analysis Date:	08/15/06		
Prep Batch #:	6228564	Analysis Time:	11:36		
Dilution Factor:	1				
		Method:	RSK SOP-175		

REPORTING

Client Sample ID: ZAR-6S92W-3

GC Volatiles

Lot-Sample #: D6H110363-022	Work Order #:	JA7XE1AE	Matrix:	WATER
Date Sampled: 08/09/06 15:30	Date Received:	08/11/06		
Prep Date: 08/15/06	Analysis Date:	08/15/06		
Prep Batch #: 6228564	Analysis Time:	11:41		
Dilution Factor: 1				
	Method:	RSK SOP-175		

REPORTING RESULT

Client Sample ID: BELLIO3-6S92W-2

GC Volatiles

Work Order #:	JA7XF1AE	Matrix:	WATER
Date Received:	08/11/06		
Analysis Date:	08/15/06		
Analysis Time:	11:46		
Method:	RSK SOP-175		
	REPORTING		
RESULT	LIMIT U	UNITS	
	Date Received: Analysis Date: Analysis Time: Method		Date Received: 08/11/06 Analysis Date: 08/15/06 Analysis Time: 11:46 Method: RSK SOP-175 REPORTING

5.0

ug/L

ND

Methane

Client Sample ID: ARMSTRONG-5S91W-30D

GC Volatiles

Lot-Sample #:	D6H110363-025	Work Order #:	JA7XJ1AC	Matrix:	WATER
Date Sampled:	08/07/06 17:00	Date Received:	08/11/06		
Prep Date:	08/14/06	Analysis Date:	08/14/06		
Prep Batch #:	6227654	Analysis Time:	14:20		
Dilution Factor:	1				
		Method:	RSK SOP-175		

REPORTING

Client Sample ID: COLLER-5S91W-4D

GC Volatiles

Lot-Sample #: D6H110363-026	Work Order #: JA7XM1AC	Matrix WATER
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 Date Sampled...:
 08/10/06
 11:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228564
 Analysis Time...:
 11:51

Dilution Factor: 1

Method.....: RSK SOP-175

REPORTING

Client Sample ID: WHITT-6S91W-6

GC Volatiles

Lot-Sample #: D6H110363-	01 Work Order #: JA7VL1AM	Matrix WATER
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 Date Sampled...:
 08/08/06
 10:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Time...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 11:16

Dilution Factor: 1

Method.....: SW846 8021B

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)

Client Sample ID: MELLO-5S92W-26

GC Volatiles

Lot-Sample #...: D6H110363-002 Work Order #...: JA7VQ1AR Matrix...... WATER

 Date Sampled...:
 08/08/06
 17:15
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 13:02

Dilution Factor: 1

Method.....: SW846 8021B

		REPORTING	}
PARAMETER	RESULT	<u>LIMIT</u>	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)

Client Sample ID: BECKER-6S91W-6

GC Volatiles

Lot-Sample #: D6H	H110363-003 Work	Order #:	JA7VT1AR	Matrix:	WATER
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 Date Sampled...:
 08/08/06
 11:50
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 13:38

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115)	-

Client Sample ID: MARTIN-6S91W-5

GC Volatiles

Lot-Sample #: D6H110363-004	Work Order #: JA7VW1AR	Matrix WATER
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 Date Sampled...:
 08/07/06
 12:20
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 14:14

Dilution Factor: 1

		REPORTING	+
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115	<u>)</u>

Client Sample ID: BELLIO2-5S91W-32

GC Volatiles

Lot-Sample	#:	D6H110363-005	Work	Order	#:	JA7V01AR	Matrix:	WATER
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 Date
 Sampled...:
 08/09/06
 11:15
 Date Received...:
 08/11/06

 Prep
 Date.....:
 08/15/06
 Analysis Time...:
 08/15/06

 Prep
 Batch #...:
 6228526
 Analysis Time...:
 14:49

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	93	(85 - 115)	_

Client Sample ID: TRIP BLANK

GC Volatiles

Lot-Sample #: D6H110363-006 Date Sampled: 08/09/06 Prep Date: 08/15/06 Prep Batch #: 6228526 Dilution Factor: 1	Work Order #: Date Received: Analysis Date: Analysis Time:	08/11/06 08/15/06	Matrix: WATER
	Method:	SW846 8021	.B
		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L

RECOVERY

(85 - 115)

LIMITS

PERCENT

RECOVERY

95

SURROGATE

a,a,a-Trifluorotoluene (TFT)

Client Sample ID: MILLER-5S92W-34

GC Volatiles

Lot-Sample #: D6H110363-007 W	Work Order #	: JA7V81AR	Matrix:	WATER
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 Date Sampled...:
 08/07/06
 11:40
 Date Received...:
 08/11/06

 Prep Date....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 16:37

Dilution Factor: 1

		REPORTIN	īG
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	7
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	98	(85 - 11	.5)

Client Sample ID: COULTER-5S92W-34

GC Volatiles

Lot-Sample #:	D6H110363-008	Work Order #	: JA7V91AR	Matrix: WATER
. belowed ated	09/07/06 15:15	Data Pagairrad	- 00/11/06	

 Date Sampled...:
 08/07/06
 15:15
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 17:12

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115)	

Client Sample ID: HINKLE-6S92W-4

GC Volatiles

 Date Sampled...:
 08/08/06
 09:00
 Date Received...
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...
 17:48

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)	

Client Sample ID: HINKLE-6S92W-4D

GC Volatiles

Lot-Sample #: D6H110363-010	Work Order #: JA7WC1AA	Matrix WATER
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 Date Sampled...:
 08/08/06
 09:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 18:24

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115)	•

Client Sample ID: OLIVER-5S92W-26

GC Volatiles

 Date Sampled...:
 08/08/06
 14:30
 Date Received...:
 08/11/06

 Prep Date....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 18:59

Dilution Factor: 1

Method..... SW846 8021B

UNITS

		REPORTING
PARAMETER	RESULT	LIMIT

Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
•			
	PERCENT	RECOVERY	

SURROGATE RECOVERY
a,a,a-Trifluorotoluene (TFT)
95

COVERY <u>LIMITS</u> (85 - 115)

Client Sample ID: WALTER-6S92W-4

GC Volatiles

Lot-Sample #: D6H110363-012	Work Order #: JA7WH1AR	Matrix WATER

 Date Sampled...:
 08/08/06
 16:30
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Time...:
 19:35

 Prep Batch #...:
 6228526
 Analysis Time...:
 19:35

Dilution Factor: 1

		REPORTIN	īG
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	?
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	93	(85 - 11	.5)

Client Sample ID: LAYMAN-5S92W-25

GC Volatiles

Lot-Sample #: D6H110363-013	Work Order	#: JA7WL1AR	Matrix:	WATER
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 Date Sampled...:
 08/09/06
 10:30
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 20:11

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115)

Client Sample ID: GUCINI-6S91W-5

GC Volatiles

Lot-Sample #: D6H110363-	·014 Work Order #	: JA7WP1AR	Matrix WATER
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 Date Sampled...:
 08/07/06
 10:50
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 20:46

Dilution Factor: 1

RA		REPORTING	
PARAMETER .	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	92	(85 - 115)

Client Sample ID: ARMSTRONG-5S91W-30

GC Volatiles

Lot-Sample #: D6H110363-015	Work Order #: JA7WQ1AR	Matrix WATER
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 Date Sampled...:
 08/07/06
 17:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 21:22

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)	-

Client Sample ID: HOLSAN-6S91W-6

GC Volatiles

Lot-Sample #: D6H110363-016	Work Order #: JA7WR1AR	Matrix WATER
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 Date Sampled...:
 08/10/06
 10:30
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 21:58

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	=
a,a,a-Trifluorotoluene (TFT)	100	(85 - 115)	

Client Sample ID: MOEN-6S92W-6

GC Volatiles

Lot-Sample #:	D6H110363-017	Work Order #:	JA7WT1AR	Matrix WATER
Date Sampled .	08/10/06 09:00	Date Peceizzed .	00/11/06	

 Date Sampled...:
 08/10/06
 09:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Date...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 15:01

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115))

Client Sample ID: COLLER-5S91W-4

GC Volatiles

Lot-Sample #: D6H110363-018	Work Order #: JA7W21AR	Matrix WATER
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 Date Sampled...:
 08/10/06
 11:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Date...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 16:55

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115)	

Client Sample ID: WALKER-5S92W-25

GC Volatiles

Lot-Sample #: D6H110363-019	Work Order #: JA7W31AR	Matrix WATER
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 Date Sampled...:
 08/09/06
 18:45
 Date Received...
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Time...
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...
 17:33

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Kylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
,a,a-Trifluorotoluene (TFT)	96	(85 - 115)	

Client Sample ID: BELLIO1-6S92W-2

GC Volatiles

Lot-Sample #: D6H110363-020	Work Order #: JA7XA1AR	Matrix WATER
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 Date Sampled...:
 08/09/06
 12:15
 Date Received...
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Time...
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...
 18:11

Dilution Factor: 1

		REPORTIN	REPORTING	
PARAMETER	RESULT	LIMIT	UNITS	
Benzene	ND	0.50	ug/L	
Ethylbenzene	ND	0.50	ug/L	
Methyl tert-butyl ether	ND	5.0	ug/L	
Toluene	ND	0.50	ug/L	
m-Xylene & p-Xylene	ND	0.50	ug/L	
o-Xylene	ND	0.50	ug/L	
Xylenes (total)	ND	0.50	ug/L	
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)	96	(85 - 11	5)	

Client Sample ID: SAM-5S91W-31

GC Volatiles

Lot-Sample #:	D6H110363-021	Work Order #:	JA7XC1AR	Matrix: WATER
Date Sampled:	08/09/06 11:30	Date Received:	08/11/06	
Prep Date:	08/16/06	Analysis Date:	08/16/06	

 Prep Date.....:
 08/16/06
 Analysis Date...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 18:48

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)	_

Client Sample ID: ZAR-6S92W-3

GC Volatiles

Lot-Sample #: D6H110363-022	Work Order #: JA7XE1AR	Matrix WATER
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 Date Sampled...:
 08/09/06
 15:30
 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Date...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 20:03

Dilution Factor: 1

		REPORTIN	·G
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	5)

Client Sample ID: BELLIO3-6S92W-2

GC Volatiles

Lot-Sample #: D6H110363-023 Work Order #: JA7XF1AR Matr	rix:	WAILK
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 Date Sampled...:
 08/09/06
 13:16
 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Date...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 20:40

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115))

Client Sample ID: TRIP BLANK

GC Volatiles

Lot-Sample :	#:	D6H110363-024	Work	Order	#:	JA7XG1AA	Matrix:	WATER

 Date Sampled...:
 08/11/06
 08:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Time...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 21:17

Dilution Factor: 1

Method.....: SW846 8021B

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115))

Client Sample ID: ARMSTRONG-5S91W-30D

GC Volatiles

Lot-Sample #:	D6H110363-025	Work Order #:	JA7XJ1AA	Matrix	WATER
Date Sampled:	08/07/06 17:00	Date Received:	08/11/06		
Prep Date:	08/16/06	Analysis Date:	08/16/06		
Prep Batch #:	6229351	Analysis Time	21:54		

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)	

Client Sample ID: COLLER-5S91W-4D

GC Volatiles

Lot-Sample #:	D6H110363-026	Work Order #:	JA7XM1AA	Matrix:	WATER
Date Sampled . •	08/10/06 11:00	Date Received	08/11/06		

 Date Sampled...:
 08/10/06
 11:00
 Date Received...
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Date...
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...
 22:31

Dilution Factor: 1

		REPORTIN	r.C.
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	5)

Client Sample ID: WHITT-6S91W-6

TOTAL Metals

Lot-Sample #...: D6H110363-001 Matrix....: WATER

Date Sampled...: 08/08/06 10:00 Date Received..: 08/11/06

PARAMETER	RESULT	REPORTIN		MERIOD		PREPARATION-	WORK
PARAMETER	KESOTI	LIMIT	UNITS	METHOD		ANALYSIS DATE	ORDER #
Prep Batch #	: 6226335						
Arsenic	ND	5.0	ug/L	MCAWW :	200.8	08/15-08/17/06	JA7VL1AN
		Dilution Fac	tor: 1	Analysis '	Time: 21:56		
Barium	35	1.0	/T	NACIDATE O	200 0	00/15 00/15/06	T1000 110
Dar Tun	33	Dilution Fac	ug/L	MCAWW :		08/15-08/17/06	JA / VLIAP
		DITUCION FAC	cor: 1	Analysis	Time: 21:56		
Cadmium	ND	1.0	ug/L	MCAWW :	200.8	08/15-08/17/06	JA7VL1AQ
		Dilution Fac	tor: 1	Analysis '	Time: 21:56		
Chromium	ND	3.0	uq/L	MCAWW :	200.8	08/15-08/17/06	.TA7W1.1AR
		Dilution Fac	•		Time: 21:56	00/13 00/1//00	0117 1111111
Lead	ND	1.0	ug/L	MCAWW :	200.8	08/15-08/17/06	JA7VL1AT
		Dilution Fac	tor: 1	Analysis :	Time: 21:56		
Manganese	15	1.0	ug/L	MCAWW :	200 8	08/15-08/17/06	ተአማኒጥ 1 አጥ
ranguacee	13	Dilution Fac	_		ZUU.8 Time: 21:56	06/15-06/17/06	OATADIAO
				111417010	11		
Selenium	6.7	5.0	ug/L	MCAWW :	200.8	08/15-08/17/06	JA7VL1AV
		Dilution Fac	tor: 1	Analysis '	Time: 21:56		
Prep Batch #	: 6226354						
Calcium	80000 Г	200	ug/L	MCAWW :	200.7	08/15-08/21/06	JA7VL1AW
		Dilution Fac	tor: 1	Analysis '	Time: 11:12		
Tron	100	100	ug/L	MCAWW :	200 7	08/15-08/21/06	.ፐልማኒጠ.1 እ ሃ
	200	Dilution Fac			Time: 11:12	00/15 00/21/00	OA7 VIIIAX
				raidly 515	11.12		
Magnesium	32000	200	ug/L	MCAWW :	200.7	08/15-08/18/06	JA7VL1A0
		Dilution Fac	tor: 1	Analysis :	Time: 18:40		
Potassium	ND	3000	ug/L	MCAWW :	200 7	08/15-08/18/06	.ፐአ ማኒፖር 1 አ 1
	112	Dilution Fact	J .		Zime: 18:40	08/13-08/18/00	UA/VIIAI
				imaryoro .	11.10		
Sodium	120000	5000	ug/L	MCAWW :	200.7	08/15-08/18/06	JA7VL1A2
		Dilution Fact	tor: 1	Analysis 7	Time: 18:40		
NOTE (C).							

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: MELLO-5S92W-26

TOTAL Metals

Matrix....: WATER

Lot-Sample #...: D6H110363-002

Date Sampled...: 08/08/06 17:15 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic ua/L MCAWW 200.8 08/15-08/17/06 JA7VQ1AT 5.0 Dilution Factor: 1 Analysis Time..: 22:00 Barium 18 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7VQ1AU Dilution Factor: 1 Analysis Time..: 22:00 Cadmium ND 1.0 MCAWW 200.8 08/15-08/17/06 JA7VQ1AV uq/L Dilution Factor: 1 Analysis Time..: 22:00 Chromium MD 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7VQ1AW Dilution Factor: 1 Analysis Time..: 22:00 Lead ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7VQ1AX Dilution Factor: 1 Analysis Time..: 22:00 Manganese ND 1.0 MCAWW 200.8 08/15-08/17/06 JA7VQ1A0 uq/L Dilution Factor: 1 Analysis Time..: 22:00 Selenium 5.7 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7VQ1A1 Dilution Factor: 1 Analysis Time..: 22:00 Prep Batch #...: 6226354 Calcium 50000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7VQ1A2 Dilution Factor: 1 Analysis Time..: 11:32 Iron ND 100 08/15-08/21/06 JA7VO1A3 uq/L MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 11:32 Magnesium 52000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7VQ1AA Dilution Factor: 1 Analysis Time..: 18:58 Potassium 6300 3000 uq/L MCAWW 200.7 08/15-08/18/06 JA7VQ1AC Dilution Factor: 1 Analysis Time..: 18:58 Sodium 110000 5000 MCAWW 200.7 08/15-08/18/06 JA7VO1AD uq/L Dilution Factor: 1 Analysis Time..: 18:58

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: BECKER-6S91W-6

TOTAL Metals

Lot-Sample #...: D6H110363-003 Matrix....: WATER

Date Sampled...: 08/08/06 11:50 Date Received..: 08/11/06

-				•				
		REPORTING	3			PREPARATION-	WORK	
PARAMETER	RESULT	LIMIT	UNITS	METHOD		ANALYSIS DATE	ORDER #	
Prep Batch #			4-			, , ,		
Arsenic	ND	5.0	ug/L	MCAWW 2		08/15-08/17/06	JA7VT1AT	
		Dilution Fact	or: 1	Analysis Ti	ime: 22:11			
Barium	20	1.0	ug/L	MCAWW 2	8.00	08/15-08/17/06	JA7VT1AU	
		Dilution Fact	or: 1	Analysis Ti	ime: 22:11			
Cadmium	ND	1.0	ug/L	MCAWW 2	00.8	08/15-08/17/06	JA7VT1AV	
		Dilution Fact	or: 1	Analysis Ti	ime: 22:11			
Chromium	ND	3.0	ug/L	MCAWW 2	ΛΛ Q	08/15-08/17/06	.ፐፖ ማኒፖጥ፣ ለኒኒ	
CIII OILE CIII	ND	Dilution Fact	-		ime: 22:11	08/13-08/17/08	UA/VIIAW	
		Directon race	.01. 1	Anarysis II	ine ZZ:II			
Lead	ND	1.0	ug/L	MCAWW 2	00.8	08/15-08/17/06	JA7VT1AX	
		Dilution Fact	tor: 1 Analysis Time: 22:		ime: 22:11	1		
Manganese	ND	1.0	ug/L	MCAWW 2	00.8	08/15-08/17/06	JA7VT1A0	
_		Dilution Fact		Analysis Ti	ime: 22:11	• • •		
Selenium	21	5.0	ug/L	MCAWW 2	00 8	08/15-08/17/06	.ፐል ማህጥ 1 ል 1	
		Dilution Fact	- -		ime: 22:11	00/15 00/17/00	OA7VILAL	
Prep Batch #	• 6226354							
Calcium	43000 L	200	uq/L	MCAWW 2	00 7	08/15-08/21/06	.ፐልማማጣ ልኃ	
		Dilution Fact			ime: 11:37	00/15 00/21/00	OH / VILIZ	
				,				
Iron	ND	100	ug/L	MCAWW 2	00.7	08/15-08/21/06	JA7VT1A3	
		Dilution Fact	or: 1	Analysis Ti	ime: 11:37			
Magnesium	15000	200	uq/L	MCAWW 2	00.7	08/15-08/18/06	JA7VT1AA	
-		Dilution Fact	٠.		ime: 19:03			
Date and town			1					
Potassium	ND	3000	ug/L	MCAWW 2		08/15-08/18/06	JA7VT1AC	
		Dilution Fact	or: 1	Analysis Ti	ime: 19:03			
Sodium	200000	5000	ug/L	MCAWW 2	00.7	08/15-08/18/06	JA7VT1AD	
		Dilution Fact	or: 1	Analysis Ti	ime: 19:03			
NOTE (S)								

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: MARTIN-6S91W-5

TOTAL Metals

Lot-Sample #...: D6H110363-004 Matrix....: WATER

Date Sampled...: 08/07/06 12:20 Date Received..: 08/11/06

		REPORTING	G		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #			4_		, , ,	
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7VW1AT
		Dilution Fact	cor: 1	Analysis Time: 22:14		
Barium	38	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7VW1AU
		Dilution Fact	_	Analysis Time: 22:14		
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7VW1AV
		Dilution Fact	or: 1	Analysis Time: 22:14		
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/15-08/17/06	. זא ל 1 זאל זלי ליד.
	112	Dilution Fact	- '	Analysis Time: 22:14	00/13 00/1/00	OA/VWIAW
			_			
Lead	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7VW1AX
		Dilution Fact	or: 1	Analysis Time: 22:14		
Manganese	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7VW1A0
		Dilution Fact	cor: 1	Analysis Time: 22:14		
Selenium	ND	5.0	uq/L	MCAWW 200.8	08/15-08/17/06	TA77W1A1
		Dilution Fact	٥.	Analysis Time: 22:14	00, 20 00, 21, 00	
				-		
Prep Batch #	• 6226354					
Calcium	100000 Ь	200	ug/L	MCAWW 200.7	08/15-08/21/06	JA7VW1A2
		Dilution Fact	- -	Analysis Time: 11:42	,,,	
Iron	ND	100	ug/L	MCAWW 200.7	08/15-08/21/06	JA7VW1A3
		Dilution Fact	or: 1	Analysis Time: 11:42		
Magnesium	21000	200	1707 /T	MONTH OOO 7	00/15 00/10/06	T3 5717777 3 3
Hagnestan	21000	Dilution Fact	ug/L	MCAWW 200.7	08/15-08/18/06	JA/VW1AA
		DITUCION FACE	.01. 1	Analysis Time: 19:07		
Potassium	ND	3000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7VW1AC
		Dilution Fact	or: 1	Analysis Time: 19:07		
Sodium	29000	5000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7VW1AD
		Dilution Fact	or: 1	Analysis Time: 19:07		
NOTE(S).						

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: BELLIO2-5S91W-32

TOTAL Metals

Matrix....: WATER

Lot-Sample #...: D6H110363-005

Date Sampled...: 08/09/06 11:15 Date Received..: 08/11/06 REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic ND 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V01AT Dilution Factor: 1 Analysis Time..: 22:18 Barium 10 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V01AU Dilution Factor: 1 Analysis Time..: 22:18 Cadmium ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V01AV Dilution Factor: 1 Analysis Time..: 22:18 Chromium MD 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V01AW Dilution Factor: 1 Analysis Time..: 22:18 Lead ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V01AX Dilution Factor: 1 Analysis Time..: 22:18 Manganese ND1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7V01A0 Dilution Factor: 1 Analysis Time..: 22:18 Selenium ND 08/15-08/17/06 JA7V01A1 5.0 uq/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 22:18 Prep Batch #...: 6226354 Calcium 67000 Ь 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7V01A2 Dilution Factor: 1 Analysis Time..: 11:47 Iron ND 100 ua/L MCAWW 200.7 08/15-08/21/06 JA7V01A3 Dilution Factor: 1 Analysis Time..: 11:47 Magnesium 46000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7V01AA Dilution Factor: 1 Analysis Time..: 19:25 Potassium ND 3000 uq/L MCAWW 200.7 08/15-08/18/06 JA7V01AC Dilution Factor: 1 Analysis Time..: 19:25 Sodium 190000 5000 MCAWW 200.7 uq/L 08/15-08/18/06 JA7V01AD Dilution Factor: 1 Analysis Time..: 19:25

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: MILLER-5S92W-34

TOTAL Metals

Lot-Sample #...: D6H110363-007 Matrix....: WATER

Date Sampled...: 08/07/06 11:40 Date Received..: 08/11/06

		REPORTING	}			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOI)	ANALYSIS DATE	ORDER #
Prep Batch #	• 6226335						
Arsenic	8.2	5.0	uq/L	MCAWW	200.8	08/15-08/17/06	JA7V81AT
		Dilution Fact			Time: 22:43	,	
Barium	14	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7V81AU
		Dilution Fact	or: 1	Analysis	Time: 22:43		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7V81AV
		Dilution Fact	or: 1	Analysis	Time: 22:43		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7V81AW
		Dilution Fact	or: 1	Analysis	Time: 22:43		
Lead	1.0	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7V81AX
		Dilution Fact	or: 1	Analysis	Time: 22:43		
Manganese	5.3	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7V81A0
		Dilution Fact	or: 1	Analysis	Time: 22:43		•
Selenium	120	5.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7V81A1
		Dilution Fact	or: 1	Analysis	Time: 22:43		
Prep Batch #							
Calcium	250000 Ь	200	ug/L		200.7	08/15-08/21/06	JA7V81A2
		Dilution Fact	or: 1	Analysis	Time: 12:02		
Iron	ND	100	ug/L	MCAWW	200.7	08/15-08/21/06	JA7V81A3
		Dilution Fact	or: 1	Analysis	Time: 12:02		
Magnesium	47000	200	ug/L	MCAWW	200.7	08/15-08/18/06	JA7V81AA
		Dilution Fact	or: 1	Analysis	Time: 19:30		
Potassium	6100	3000	ug/L	MCAWW	200.7	08/15-08/18/06	JA7V81AC
		Dilution Facto	or: 1	Analysis	Time: 19:30		
Sodium	1500000	5000	ug/L	MCAWW	200.7	08/15-08/18/06	JA7V81AD
		Dilution Facto	or: 1	Analysis	Time: 19:30		
NOTE(S):							

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: COULTER-5S92W-34

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-008

Date Sampled...: 08/07/06 15:15 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91AT Dilution Factor: 1 Analysis Time..: 22:47 Barium 14 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91AU Dilution Factor: 1 Analysis Time..: 22:47 Cadmium ND1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91AV Dilution Factor: 1 Analysis Time..: 22:47 Chromium ND 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91AW Dilution Factor: 1 Analysis Time..: 22:47 Lead 1.2 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91AX Dilution Factor: 1 Analysis Time..: 22:47 Manganese 1.6 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91A0 Dilution Factor: 1 Analysis Time..: 22:47 Selenium 20 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7V91A1 Dilution Factor: 1 Analysis Time..: 22:47 Prep Batch #...: 6226354 Calcium 97000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7V91A2 Dilution Factor: 1 Analysis Time..: 12:07 Iron ND 100 uq/L MCAWW 200.7 08/15-08/21/06 JA7V91A3 Dilution Factor: 1 Analysis Time..: 12:07 Magnesium 86000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7V91AA Dilution Factor: 1 Analysis Time..: 19:34 Potassium ND 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA7V91AC Dilution Factor: 1 Analysis Time..: 19:34 Sodium 310000 5000 08/15-08/18/06 JA7V91AD ug/L MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 19:34

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: HINKLE-6S92W-4

TOTAL Metals

Lot-Sample #...: D6H110363-009 Matrix....: WATER

Date Sampled...: 08/08/06 09:00 Date Received..: 08/11/06

		REPORTIN		PREPARATION-	WORK	
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #	: 6226335					
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WA1AT
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Barium	17	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WA1AU
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WA1AV
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WA1AW
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Lead	ND	1.0	uq/L	MCAWW 200.8	08/15-08/17/06	JA7WA1AX
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Manganese	3.0	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WA1A0
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Selenium	6.3	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WA1A1
		Dilution Fac	tor: 1	Analysis Time: 22	2:51	
Prep Batch #			-			
Calcium	90000 L	200	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WA1A2
		Dilution Fac	tor: 1	Analysis Time: 12	2:11	
Iron	900	100	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WA1A3
		Dilution Fac	tor: 1	Analysis Time: 12	2:11	
Magnesium	59000	200	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WA1AA
		Dilution Fac	tor: 1	Analysis Time: 19	9:39	
Potassium	4100	3000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WA1AC
		Dilution Fac	tor: 1	Analysis Time: 19	9:39	
Sodium	170000	5000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WA1AD
		Dilution Fac	tor: 1	Analysis Time: 19	9:39	
MORE (C) -						

 $L \quad Serial \ dilution \ of \ a \ digestate \ in \ the \ analytical \ batch \ indicates \ that \ physical \ and \ chemical \ interferences \ are \ present.$

Client Sample ID: OLIVER-5S92W-26

TOTAL Metals

Lot-Sample #...: D6H110363-011 Matrix....: WATER

Date Sampled...: 08/08/06 14:30 Date Received..: 08/11/06

PARAMETER	RESULT	REPORTIN		MERILOD	PREPARATION-	WORK
PARAMETER	KESULI	LIMIT	<u>UNITS</u>	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #	• 6226335					
Arsenic	ND	5.0	uq/L	MCAWW 200.8	08/15-08/17/06	JA7WF1AT
		Dilution Fac	•	Analysis Time: 22:54		
				-		
Barium	20	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WF1AU
		Dilution Fac	tor: 1	Analysis Time: 22:54		
~ 7 !			,			
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WF1AV
		Dilution Fac	tor: 1	Analysis Time: 22:54	<u> </u>	
Chromium	ND	3.0	uq/L	MCAWW 200.8	08/15-08/17/06	.ፐለ ማጭሮባ ለጭ
OHE OHE WIL	112	Dilution Fac	J.	Analysis Time: 22:54		OA/WFIAW
		Direction rec		Audiyolo IIMe 22.5	•	
Lead	1.1	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WF1AX
		Dilution Fac	_	Analysis Time: 22:54		
Manganese	2.2	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WF1A0
		Dilution Fac	tor: 1	Analysis Time: 22:54		
G-1 2			/			
Selenium	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WF1A1
		Dilution Fac	tor: 1	Analysis Time: 22:54	i	
Prep Batch #	: 6226354				•	
Calcium	61000 L	200	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WF1A2
		Dilution Fac		Analysis Time: 12:16		
Iron	230	100	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WF1A3
		Dilution Fac	tor: 1	Analysis Time: 12:16	5	
Mo em maisum	F0000	000	.			
Magnesium	58000	200	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WF1AA
		Dilution Fac	tor: 1	Analysis Time: 19:43		
Potassium	5400	3000	ug/L	MCAWW 200.7	08/15-08/18/06	.Tእ 7₩₽1 አ <i>ር</i> '
	5100	Dilution Fac		Analysis Time: 19:43		OA/MPIAC
Sodium	34000	5000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WF1AD
		Dilution Fac	tor: 1	Analysis Time: 19:43		
NOTE(S):						

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: WALTER-6S92W-4

TOTAL Metals

Lot-Sample #...: D6H110363-012 Matrix....: WATER

Date Sampled...: 08/08/06 16:30 Date Received..: 08/11/06

	D-710777	REPORTIN			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #	.: 6226335					
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1AT
		Dilution Fac	tor: 1	Analysis Time: 22:5		
Barium	12	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1AU
		Dilution Fac	tor: 1	Analysis Time: 22:5	8	
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1AV
		Dilution Fac	tor: 1	Analysis Time: 22:5	8	
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1AW
		Dilution Fac	tor: 1	Analysis Time: 22:5	8	
Lead	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1AX
		Dilution Factor: 1 Anal		Analysis Time: 22:5	8	
Manganese	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1A0
		Dilution Fac	tor: 1	Analysis Time: 22:5	8	
Selenium	6.9	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WH1A1
		Dilution Fac	tor: 1	Analysis Time: 22:5	8	
Prep Batch #			-			
Calcium	110000 Ь	200 Dilution Fac	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WH1A2
		DITUCION FAC	COL: I	Analysis Time: 12:2	<u>L</u>	
Iron	ND	100	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WH1A3
		Dilution Fac	tor: 1	Analysis Time: 12:2	1	
Magnesium	66000	200	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WH1AA
		Dilution Fac	tor: 1	Analysis Time: 19:4	8	
Potassium	3400	3000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WH1AC
		Dilution Fac	tor: 1	Analysis Time: 19:4	8	
Sodium	170000	5000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WH1AD
		Dilution Fac	tor: 1	Analysis Time: 19:4	В	
NOTE(S):						

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: LAYMAN-5S92W-25

TOTAL Metals

Lot-Sample #...: D6H110363-013 Matrix....: WATER

Date Sampled...: 08/09/06 10:30 Date Received..: 08/11/06

_				, .		
		REPORTIN	r G		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch # Arsenic		F 0	/T	MCD TITLE O O O	00/15 00/15/00	
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1AT
		Dilution Fac	tor: 1	Analysis Time: 23:	01	
Barium	42	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1AU
		Dilution Fac	tor: 1	Analysis Time: 23:	01	
Cadmium	ATTO	1.0	/-	NGTITT OOO O	00/1= 00/1= 101	
Cadillulli	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1AV
		Dilution Fac	tor: 1	Analysis Time: 23:	01	
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1AW
		Dilution Fac	- '	Analysis Time: 23:		
				•		
Lead	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1AX
		Dilution Fac	tor: 1	Analysis Time: 23:	01	
Wanganaga	0.7	1.0	/	14571777 000 0		
Manganese	8.7	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1A0
		Dilution Fac	tor: 1	Analysis Time: 23:	01	
Selenium	27	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	JA7WL1A1
		Dilution Fac	tor: 1	Analysis Time: 23:	· · · · · ·	
Prep Batch #	- 6226254					
Calcium	150000 L	200	uq/L	MCAWW 200.7	08/15-08/21/06	.TX7WT.1X2
		Dilution Fac	3 -	Analysis Time: 12:		UA/WILLAZ
				imaryoro iime iz.	20	
Iron	ND	100	ug/L	MCAWW 200.7	08/15-08/21/06	JA7WL1A3
		Dilution Fac	tor: 1	Analysis Time: 12:	26	
Magnesium	67000	200	/x	MG7777 000 0	00/0= 00/00/00	
Magnesium	67000	200	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WL1AA
		Dilution Fac	tor: 1	Analysis Time: 19:	53	
Potassium	4100	3000	uq/L	MCAWW 200.7	08/15-08/18/06	JA7WI.1AC
		Dilution Fac	_	Analysis Time: 19:		
					- -	
Sodium	290000	5000	ug/L	MCAWW 200.7	08/15-08/18/06	JA7WL1AD
		Dilution Fac	tor: 1	Analysis Time: 19:	53	
MOMES (a)						
NOTE(S):						

 $L \quad \mbox{Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.}$

Client Sample ID: GUCINI-6S91W-5

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-014

Date Sampled...: 08/07/06 10:50 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic ND 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WP1AT Dilution Factor: 1 Analysis Time..: 23:05 Barium 32 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WP1AU Dilution Factor: 1 Analysis Time..: 23:05 Cadmium ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WP1AV Dilution Factor: 1 Analysis Time..: 23:05 Chromium ND 3.0 MCAWW 200.8 uq/L 08/15-08/17/06 JA7WP1AW Dilution Factor: 1 Analysis Time..: 23:05 Lead ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7WP1AX Dilution Factor: 1 Analysis Time..: 23:05 Manganese 41 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WP1A0 Dilution Factor: 1 Analysis Time..: 23:05 Selenium ND 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WP1A1 Dilution Factor: 1 Analysis Time..: 23:05 Prep Batch #...: 6226354 Calcium 77000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7WP1A2 Dilution Factor: 1 Analysis Time..: 12:31 Iron 110 100 uq/L MCAWW 200.7 08/15-08/21/06 JA7WP1A3 Dilution Factor: 1 Analysis Time..: 12:31 Magnesium 17000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7WP1AA Dilution Factor: 1 Analysis Time..: 19:57 Potassium ND 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA7WP1AC Dilution Factor: 1 Analysis Time..: 19:57 Sodium 57000 5000 uq/L MCAWW 200.7 08/15-08/18/06 JA7WP1AD Dilution Factor: 1 Analysis Time..: 19:57 NOTE(S):

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: ARMSTRONG-5S91W-30

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-015

Date Sampled...: 08/07/06 17:00 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic ND 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WO1AT Dilution Factor: 1 Analysis Time..: 23:09 Barium 24 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WQ1AU Dilution Factor: 1 Analysis Time..: 23:09 Cadmium ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WQ1AV Dilution Factor: 1 Analysis Time..: 23:09 Chromium ND 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WQ1AW Dilution Factor: 1 Analysis Time..: 23:09 Lead ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WQ1AX Dilution Factor: 1 Analysis Time..: 23:09 Manganese 6.1 1.0 08/15-08/17/06 JA7WQ1A0 ug/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 23:09 Selenium MD 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WQ1A1 Dilution Factor: 1 Analysis Time..: 23:09 Prep Batch #...: 6226354 Calcium 19000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7WQ1A2 Dilution Factor: 1 Analysis Time..: 12:36 Iron 210 100 uq/L MCAWW 200.7 08/15-08/21/06 JA7WQ1A3 Dilution Factor: 1 Analysis Time..: 12:36 Magnesium 2400 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7WQ1AA Dilution Factor: 1 Analysis Time..: 20:02 Potassium ND 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA7WQ1AC Dilution Factor: 1 Analysis Time..: 20:02 Sodium 170000 5000 uq/L MCAWW 200.7 08/15-08/18/06 JA7WQ1AD Dilution Factor: 1 Analysis Time..: 20:02

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: HOLSAN-6S91W-6

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-016

Date Sampled...: 08/10/06 10:30 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic ug/L 5.0 MCAWW 200.8 08/15-08/17/06 JA7WR1AT Dilution Factor: 1 Analysis Time..: 23:20 Barium 29 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WR1AU Dilution Factor: 1 Analysis Time..: 23:20 Cadmium ND1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WR1AV Dilution Factor: 1 Analysis Time..: 23:20 Chromium ND 3.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7WR1AW Dilution Factor: 1 Analysis Time..: 23:20 Lead ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WR1AX Dilution Factor: 1 Analysis Time..: 23:20 Manganese 85 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WR1A0 Dilution Factor: 1 Analysis Time..: 23:20 Selenium ND 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WR1A1 Dilution Factor: 1 Analysis Time..: 23:20 Prep Batch #...: 6226354 Calcium 19000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7WR1A2 Dilution Factor: 1 Analysis Time..: 12:41 Iron 150 100 uq/L MCAWW 200.7 08/15-08/21/06 JA7WR1A3 Dilution Factor: 1 Analysis Time..: 12:41 Magnesium 1300 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7WR1AA Dilution Factor: 1 Analysis Time..: 20:20 Potassium ND 3000 uq/L MCAWW 200.7 08/15-08/18/06 JA7WR1AC Dilution Factor: 1 Analysis Time..: 20:20 Sodium 270000 5000 MCAWW 200.7 08/15-08/18/06 JA7WR1AD ug/L Dilution Factor: 1 Analysis Time..: 20:20

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: MOEN-6S92W-6

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-017

Date Sampled...: 08/10/06 09:00 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER UNITS RESULT LIMIT METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic MD 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WT1AT Dilution Factor: 1 Analysis Time..: 23:23 Barium 14 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WT1AU Dilution Factor: 1 Analysis Time..: 23:23 Cadmium ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WT1AV Dilution Factor: 1 Analysis Time..: 23:23 Chromium ND 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WT1AW Dilution Factor: 1 Analysis Time..: 23:23 Lead MD 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7WT1AX Dilution Factor: 1 Analysis Time..: 23:23 Manganese ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WT1A0 Dilution Factor: 1 Analysis Time..: 23:23 Selenium 100 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7WT1A1 Dilution Factor: 1 Analysis Time..: 23:23 Prep Batch #...: 6226354 Calcium 42000 L 200 uq/L MCAWW 200.7 08/15-08/21/06 JA7WT1A2 Dilution Factor: 1 Analysis Time..: 12:47 Iron ND 100 ug/L MCAWW 200.7 08/15-08/21/06 JA7WT1A3 Dilution Factor: 1 Analysis Time..: 12:47 Magnesium 33000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7WT1AA Dilution Factor: 1 Analysis Time..: 20:24 Potassium 4800 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA7WT1AC Dilution Factor: 1 Analysis Time..: 20:24 Sodium 570000 5000 ug/L MCAWW 200.7 08/15-08/18/06 JA7WT1AD Dilution Factor: 1 Analysis Time..: 20:24

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: COLLER-5S91W-4

TOTAL Metals

Lot-Sample #...: D6H110363-018 Matrix....: WATER

Date Sampled...: 08/10/06 11:00 Date Received..: 08/11/06

PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE OF	ORDER #
Prep Batch #: 6226335	
Arsenic ND 5.0 ug/L MCAWW 200.8 08/15-08/17/06 JA	JA7W21AT
Dilution Factor: 1 Analysis Time: 23:27	
•	
Barium 79 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JZ	JA7W21AU
Dilution Factor: 1 Analysis Time: 23:27	
Cadmium ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA	JA7W21AV
Dilution Factor: 1 Analysis Time: 23:27	
Chromium ND 3.0 ug/L MCAWW 200.8 08/15-08/17/06 JA	JA7W21AW
Dilution Factor: 1 Analysis Time: 23:27	
Lead ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA	JA7W21AX
Dilution Factor: 1 Analysis Time: 23:27	
Manganese ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA	JA7W21A0
Dilution Factor: 1 Analysis Time: 23:27	
Selenium ND 5.0 ug/L MCAWW 200.8 08/15-08/17/06 JA	JA7W21A1
Dilution Factor: 1 Analysis Time: 23:27	
Prep Batch #: 6226354	
Calcium 90000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 J	JA7W21A2
Dilution Factor: 1 Analysis Time: 13:01	
Iron ND 100 ug/L MCAWW 200.7 08/15-08/21/06 JA	JA7W21A3
Dilution Factor: 1 Analysis Time: 13:01	
Marraniam 20000 In the same and	
Magnesium 30000 200 ug/L MCAWW 200.7 08/15-08/18/06 J	JA7W21AA
Dilution Factor: 1 Analysis Time: 20:29	
Potassium ND 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA	T 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
15,12	JA/WZIAC
Dilution Factor: 1 Analysis Time: 20:29	
Sodium 10000 5000 ug/L MCAWW 200.7 08/15-08/18/06 JZ	ተጸማኒያን 1 አኮ
2007 E. Marin 200.7 007 E.	JAS / W.Z.J.AJJ
Dilution Factor: 1 Analysis Time: 20:29	
NOTE(S):	

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: WALKER-5S92W-25

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-019

Date Sampled...: 08/09/06 18:45 Date Received..: 08/11/06 REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ORDER # ANALYSIS DATE Prep Batch #...: 6226335 Arsenic 5.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7W31AT Dilution Factor: 1 Analysis Time..: 23:34 Barium 15 1.0 ug/L 08/15-08/17/06 JA7W31AU MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 23:34 Cadmium ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7W31AV Dilution Factor: 1 Analysis Time..: 23:34 Chromium ND 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7W31AW Dilution Factor: 1 Analysis Time..: 23:34 Lead ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7W31AX Dilution Factor: 1 Analysis Time..: 23:34 Manganese ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7W31A0 Dilution Factor: 1 Analysis Time..: 23:34 Selenium 16 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7W31A1 Dilution Factor: 1 Analysis Time..: 23:34 Prep Batch #...: 6226354 Calcium 38000 L 200 ug/L MCAWW 200.7 08/15-08/21/06 JA7W31A2 Dilution Factor: 1 Analysis Time..: 13:06 Iron ND 100 ug/L 08/15-08/21/06 JA7W31A3 MCAWW 200.7 Analysis Time..: 13:06 Dilution Factor: 1 Magnesium 17000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7W31AA Dilution Factor: 1 Analysis Time..: 20:34 Potassium ND 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA7W31AC Dilution Factor: 1 Analysis Time..: 20:34 Sodium 180000 5000 MCAWW 200.7 uq/L 08/15-08/18/06 JA7W31AD Dilution Factor: 1 Analysis Time..: 20:34

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: BELLIO1-6S92W-2

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-020

Date Sampled...: 08/09/06 12:15 Date Received..: 08/11/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic 08/15-08/17/06 JA7XA1AT ND 5.0 uq/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 23:31 Barium 11 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XA1AU Dilution Factor: 1 Analysis Time..: 23:31 Cadmium ND 1.0 MCAWW 200.8 uq/L 08/15-08/17/06 JA7XA1AV Dilution Factor: 1 Analysis Time..: 23:31 Chromium ND 3.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XA1AW Dilution Factor: 1 Analysis Time..: 23:31 Lead ND 1.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7XA1AX Dilution Factor: 1 Analysis Time..: 23:31 Manganese 1.9 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XA1A0 Dilution Factor: 1 Analysis Time..: 23:31 Selenium MD 5.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7XA1A1 Dilution Factor: 1 Analysis Time..: 23:31 Prep Batch #...: 6226354 Calcium 100000 L MCAWW 200.7 200 uq/L 08/15-08/21/06 JA7XA1A2 Dilution Factor: 1 Analysis Time..: 13:11 Iron ND 100 ua/L MCAWW 200.7 08/15-08/21/06 JA7XA1A3 Dilution Factor: 1 Analysis Time..: 13:11 Magnesium 76000 200 uq/L MCAWW 200.7 08/15-08/18/06 JA7XA1AA Dilution Factor: 1 Analysis Time..: 20:38 Potassium 3400 3000 ug/L MCAWW 200.7 08/15-08/18/06 JA7XA1AC Dilution Factor: 1 Analysis Time..: 20:38 Sodium 230000 5000 uq/L MCAWW 200.7 08/15-08/18/06 JA7XA1AD Dilution Factor: 1 Analysis Time..: 20:38

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: SAM-5S91W-31

TOTAL Metals

Lot-Sample #...: D6H110363-021 Matrix....: WATER

Date Sampled...: 08/09/06 11:30 Date Received..: 08/11/06

DADAMORED	TOTAL CONTRACT	REPORT		Marian	_	PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	<u>UNITS</u>	METHOI	<u> </u>	ANALYSIS DATE	ORDER #
Prep Batch #	: 6226335						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7XC1AT
		Dilution Fa	actor: 1	Analysis	Time: 23:38		
_			_				
Barium	13	1.0	ug/L		200.8	08/15-08/17/06	JA7XC1AU
		Dilution Fa	actor: 1	Analysis	Time: 23:38		
Cadmium	ND	1.0	uq/L	MCAWW	200.8	08/15-08/17/06	.TA7XC1AW
		Dilution Fa	٥.		Time: 23:38	00,20 00,2,,00	011,1101111
				-			
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7XC1AW
		Dilution Fa	actor: 1	Analysis	Time: 23:38		
Lead	ND	1.0	/T	NACTO TATA	200 0	00/15 00/15/06	T3 7757712 31 37
Dead	IND	Dilution F	ug/L		200.8 Time: 23:38	08/15-08/17/06	JA/XCIAX
		Directon F	accor. I	MIGLYSIS	11me 23:36		
Manganese	2.1	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7XC1A0
		Dilution Fa	actor: 1	Analysis	Time: 23:38		
a 7 1			,				
Selenium	22	5.0	ug/L		200.8	08/15-08/17/06	JA7XC1A1
		Dilution F	actor: 1	Analysis	Time: 23:38		
Prep Batch #	: 6226354						
Calcium	28000 L	200	ug/L	MCAWW	200.7	08/15-08/21/06	JA7XC1A2
		Dilution F	actor: 1	Analysis	Time: 13:16		
T			7				
Iron	160	100	ug/L		200.7	08/15-08/21/06	JA7XC1A3
		Dilution F	actor: 1	Anaiysis	Time: 13:16		
Magnesium	10000	200	uq/L	MCAWW	200.7	08/15-08/18/06	JA7XC1AA
_		Dilution Fa	-	Analysis	Time: 20:43	,,,	
Potassium	ND	3000	ug/L	MCAWW	200.7	08/15-08/18/06	JA7XC1AC
		Dilution Fa	actor: 1	Analysis	Time: 20:43		
Sodium	340000	5000	ug/L	ሥ ረግ አገልገር ያ	200.7	08/15-08/18/06	.ፐአማያርጣ አጥ
~ July Will	240000	Dilution Fa	- -	-	ZUU./ Time: 20:43	00/12-00/10/00	OW VYCTAD
NOTE (C).							

 $L \quad Serial \ dilution \ of \ a \ digestate \ in \ the \ analytical \ batch \ indicates \ that \ physical \ and \ chemical \ interferences \ are \ present.$

Client Sample ID: ZAR-6S92W-3

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H110363-022

Date Sampled...: 08/09/06 15:30 Date Received..: 08/11/06

REPORTING PREPARATION-WORK LIMIT UNITS PARAMETER RESULT METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6226335 Arsenic ND 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XE1AT Dilution Factor: 1 Analysis Time..: 23:41 Barium 9.4 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XE1AU Dilution Factor: 1 Analysis Time..: 23:41 Cadmium ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XE1AV Dilution Factor: 1 Analysis Time..: 23:41 Chromium MD 3.0 ug/L MCAWW 200.8 08/15-08/17/06 JA7XE1AW Dilution Factor: 1 Analysis Time..: 23:41 Lead ND 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XE1AX Dilution Factor: 1 Analysis Time..: 23:41 Manganese 1.8 1.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XE1A0 Dilution Factor: 1 Analysis Time..: 23:41 Selenium 5.9 5.0 uq/L MCAWW 200.8 08/15-08/17/06 JA7XE1A1 Dilution Factor: 1 Analysis Time..: 23:41 Prep Batch #...: 6226354 Calcium 100000 L 200 uq/L MCAWW 200.7 08/15-08/21/06 JA7XE1A2 Dilution Factor: 1 Analysis Time..: 13:21 Iron ND 100 uq/L MCAWW 200.7 08/15-08/21/06 JA7XE1A3 Dilution Factor: 1 Analysis Time..: 13:21 Magnesium 62000 200 ug/L MCAWW 200.7 08/15-08/18/06 JA7XE1AA Dilution Factor: 1 Analysis Time..: 20:47 Potassium 3100 3000 uq/L MCAWW 200.7 08/15-08/18/06 JA7XE1AC Dilution Factor: 1 Analysis Time..: 20:47 Sodium 180000 5000 uq/L MCAWW 200.7 08/15-08/18/06 JA7XE1AD Dilution Factor: 1 Analysis Time..: 20:47

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Client Sample ID: BELLIO3-6S92W-2

TOTAL Metals

Lot-Sample #...: D6H110363-023 Matrix....: WATER

Date Sampled...: 08/09/06 13:16 Date Received..: 08/11/06

		REPORTING			PREPARATION-	WORK	
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Prep Batch #			/-				
Arsenic	ND	5.0	ug/L		200.8	08/15-08/17/06	JA7XF1AT
	•	Dilution Facto	or: 1	Analysis	Time: 19:29		
Barium	11	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7XF1AU
		Dilution Facto	or: 1	Analysis	Time: 19:29		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7XF1AV
		Dilution Facto	or: 1	Analysis	Time: 19:29		
			,				
Chromium	ND	3.0	ug/L		200.8	08/15-08/17/06	JA7XF1AW
		Dilution Facto	or: 1	Analysis	Time: 19:29		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/15-08/17/06	JA7XF1AX
		Dilution Fact	or: 1	Analysis	Time: 19:29		
Manganese	1.4	1.0	uq/L	MCAWW	200.8	08/15-08/17/06	JA7XF1A0
•		Dilution Fact	J .	Analysis	Time: 19:29		
_			_				
Selenium	12	5.0	ug/L		200.8	08/15-08/17/06	JA7XF1A1
		Dilution Facto	or: 1	Analysis	Time: 19:29		
Prep Batch #	: 6226355						
Calcium	100000	200	ug/L	MCAWW	200.7	08/15-08/16/06	JA7XF1A2
		Dilution Fact	or: 1	Analysis	Time: 21:07		
Iron	ND	100	ug/L	MCAWW	200.7	08/15-08/16/06	JA7XF1A3
		Dilution Fact	or: 1	Analysis	Time: 21:07		
Magnesium	100000	200	/T	MCIB Fata	200 7	08/15-08/16/06	אי אי היבוערטי אייר
Magnesium	100000	200 Dilution Fact	ug/L		200.7	08/15-08/16/06	JA/AF LAA
		DITUCION FACE	OF: T	Anarysis	Time: 21:07		
Potassium	3600	3000	ug/L	MCAWW	200.7	08/15-08/16/06	JA7XF1AC
		Dilution Fact			Time: 21:07	-	
Sodium	95000	5000	uq/L	MCAWW	200.7	08/15-08/16/06	TA7XF1AD
		Dilution Fact	٠.		Time: 21:07	10, 10 00, 10, 00	
				· 2			

Client Sample ID: WHITT-6S91W-6

General Chemistry

Lot-Sample #...: D6H110363-001 Work Order #...: JA7VL Matrix.....: WATER

Date Sampled...: 08/08/06 10:00 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHO)	ANALYSIS DATE	BATCH #
pH	7.4	0.10	No Units	MCAWW	150.1	08/11/06	6223570
		Dilution Fact	or: 1	Analysis	Time: 18:59		
Bicarbonate, as CaCO	420	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Fact	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11/06	6227302
		Dilution Fact	or: 1	Analysis	Time: 23:06		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Fact	or: 1	Analysis	Time: 08:30		
Chloride	26	3.0	mg/L	MCAWW	300.0A	08/11/06	6227297
		Dilution Fact	or: 1	. Analysis	Time: 23:06		
Fluoride	1.2	0.50	mg/L	MCAWW	300.0A	08/11/06	6227298
		Dilution Fact	or: 1	Analysis	Time: 23:06		
Nitrate	0.60	0.50	mg/L	MCAWW	300.0A	08/11/06	6227299
		Dilution Fact	or: 1	Analysis	Time: 23:06		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11/06	6227300
		Dilution Fact	or: 1	Analysis	Time: 23:06		
Sulfate	130 Q	25	mg/L		300.0A	08/11-08/12/06	6227301
		Dilution Fact	or: 5	Analysis	Time: 09:25		
Total Dissolved Solids	670	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Fact	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: MELLO-5S92W-26

General Chemistry

Lot-Sample #...: D6H110363-002 Work Order #...: JA7VQ Matrix.....: WATER

Date Sampled...: 08/08/06 17:15 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	D	ANALYSIS DATE	BATCH #
			_				
pн	7.7	0.10	No Units		150.1	08/11/06	6223570
		Dilution Facto	or: 1	Analysis	Time: 19:02		
Bicarbonate, as CaCO	340	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mq/L	MCAWW	300.0A	08/11/06	6227302
		Dilution Facto	-		Time: 23:56	, ,	
Carbonate, as CaCO3	ND	5.0	mg/L	MC'A TATLA	310.1	08/18/06	6233131
carbonace, as cacos	MD	Dilution Facto	-		Time: 08:30	08/18/06	0233131
		DITUCTOR FACE	or: 1	Analysis	Time: 08:30		
Chloride	11	3.0	mg/L	MCAWW	300.0A	08/11/06	6227297
		Dilution Facto	or: 1	Analysis	Time: 23:56		
Fluoride	0.83	0.50	mq/L	MCAWW	300.0A	08/11/06	6227298
		Dilution Facto	-	Analysis	Time: 23:56		
Nitrate	8.3	0.50	mq/L	мсаши	300.0A	08/11/06	6227299
1111011101	0.5	Dilution Facto			Time: 23:56	00/11/00	0221299
		Bilderon Face	JI. 1	миатурга	11Me 23.50		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11/06	6227300
		Dilution Facto	or: 1	Analysis	Time: 23:56		
Sulfate	180 Q	25	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	-		Time: 10:15	00, 22, 00, 22, 00	011.001
Total Dissolved Solids	680	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							
HOTE (D).							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: BECKER-6S91W-6

General Chemistry

Lot-Sample #...: D6H110363-003 Work Order #...: JA7VT Matrix.....: WATER

Date Sampled...: 08/08/06 11:50 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
Нд	7.6	0.10	No Units	MCAWW	150.1	08/11/06	6223570
		Dilution Facto	or: 1	Analysis	Time: 19:37		
Bicarbonate, as CaCO	450	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
D			/-				
Bromide	ND	0.20	mg/L		300.0A	08/11-08/12/06	6227302
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	- '	Analysis	Time: 08:30	. ,	
Chloride	9.5	3.0	mg/L	MCAWW	300.0A	08/11-08/12/06	6227297
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Fluoride	1.4	0.50	mq/L	MCINITA	300.0A	08/11-08/12/06	6227200
FIGOLIGE	1.4	Dilution Facto	-		Time: 00:13	08/11-08/12/06	6221298
		DIIUCION FACCO	or: I	Anarysis	Time: 00:13		
Nitrate	0.70	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Nitrite	ND	0.50	mg/L		300.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 1	Analysis	Time: 00:13		
Sulfate	110 O	25	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	_		Time: 10:31	00, 11 00, 11, 00	022.002
				-			
Total Dissolved Solids	680	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: MARTIN-6S91W-5

General Chemistry

Lot-Sample #...: D6H110363-004 Work Order #...: JA7VW Matrix.....: WATER

Date Sampled...: 08/07/06 12:20 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.4	0.10 Dilution Facto	No Units		150.1 Time: 19:37	08/11/06	6223570
Bicarbonate, as CaCO	340	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L		300.0A	08/11-08/12/06	6227302
		DITUCTOR FACEC	r: ı	Analysis	Time: 00:30		
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L or: 1		310.1 Time: 08:30	08/18/06	6233131
Chloride	7.8	3.0 Dilution Facto	mg/L or: 1		300.0A Time: 00:30	08/11-08/12/06	6227297
Fluoride	0.65	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto	r: 1	Analysis	Time: 00:30		
Nitrate	1.1	0.50 Dilution Factor	mg/L er: 1		300.0A Time: 00:30	08/11-08/12/06	6227299
Nitrite	ND	0.50	mg/L		300.0A Time: 00:30	08/11-08/12/06	6227300
		Difficion Facec	. I	Anarysis	iime: 00:30		
Sulfate	51 Q	25 Dilution Factor	mg/L or: 5		300.0A Time: 10:48	08/11-08/12/06	6227301
Total Dissolved Solids	440	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	r: 1	Analysis	Time: 11:00		
NOTE(S):							

MOIB (B).

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: BELLIO2-5S91W-32

General Chemistry

PREPARATION-

08/14/06

PREP

6226395

Lot-Sample #...: D6H110363-005 Work Order #...: JA7V0 Matrix....: WATER Date Sampled...: 08/09/06 11:15 Date Received..: 08/11/06

PARAMETER RESULT RLUNITS METHOD ANALYSIS DATE BATCH # 7.5 $\mathbf{p}\mathbf{H}$ 0.10 No Units MCAWW 150.1 08/11/06 6223570 Dilution Factor: 1 Analysis Time..: 19:42 Bicarbonate, as CaCO 500 5.0 mq/L MCAWW 310.1 08/18/06 6233129 3 Dilution Factor: 1 Analysis Time..: 08:30 Bromide ND 0.20 mq/L MCAWW 300.0A 08/11-08/12/06 6227302 Dilution Factor: 1 Analysis Time..: 00:46 Carbonate, as CaCO3 ND 5.0 mq/L MCAWW 310.1 08/18/06 6233131 Dilution Factor: 1 Analysis Time..: 08:30 Chloride 10 3.0 mq/L MCAWW 300.0A 08/11-08/12/06 6227297 Dilution Factor: 1 Analysis Time..: 00:46 Fluoride 0.84 0.50 mq/L MCAWW 300.0A 08/11-08/12/06 6227298 Dilution Factor: 1 Analysis Time..: 00:46 Nitrate ND0.50 mq/L MCAWW 300.0A 08/11-08/12/06 6227299 Dilution Factor: 1 Analysis Time..: 00:46 Nitrite ND0.50 mq/L MCAWW 300.0A 08/11-08/12/06 6227300 Dilution Factor: 1 Analysis Time..: 00:46 Sulfate 260 O 50 mg/L MCAWW 300.0A 08/11-08/12/06 6227301

Analysis Time..: 11:05

Analysis Time..: 11:00

MCAWW 160.1

Dilution Factor: 10

Dilution Factor: 1

mg/L

10

NOTE(S):

Solids

Total Dissolved

910

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: MILLER-5S92W-34

General Chemistry

Lot-Sample #...: D6H110363-007 Work Order #...: JA7V8 Matrix....: WATER Date Sampled...: 08/07/06 11:40 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.5	0.10	No Units		150.1	08/11/06	6223573
		Dilution Facto	or: 1	Analysis	Time: 19:43		
Bicarbonate, as CaCO	290	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	2.5 G	0.40	mg/L	MC'N LIGH	300.0A	08/11-08/12/06	6227202
Browing	2.5 G	Dilution Facto	-			08/11-08/12/06	622/302
		DITUCTOR FACE	DE: 2	Anarysis	Time: 01:36		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	or: 1	Analysis	Time: 08:30		
			•				
Chloride	780 Q	150	mg/L	MCAWW	300.0A	08/11-08/12/06	6227297
		Dilution Facto	or: 50	Analysis	Time: 11:21		
Fluoride	ND G	1.0	mg/L	MC A MIM	300.0A	08/11-08/12/06	6227299
	212 0	Dilution Facto	•		Time: 01:36	00/11 00/12/00	0227230
			. <u>.</u>	1111017010	11		
Nitrate	5.4 G	1.0	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 2	Analysis	Time: 01:36		
Nitrite	ND G	1.0	mg/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 2	Analysis	Time: 01:36		
Sulfate	2700 Q	500	mg/L	MCAWW	300.0A	08/11-08/12/06	6227201
	2700 Q	Dilution Facto			Time: 21:21	08/11-08/12/08	022/301
		Dilucion Facto	DI: 100	Anarysis	11me: 21:21		
Total Dissolved Solids	5500 Q	20	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 2	Analysis	Time: 11:00		
MOUTE (C) -							
NOTE(S).							

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: COULTER-5S92W-34

General Chemistry

Lot-Sample #...: D6H110363-008 Work Order #...: JA7V9 Matrix.....: WATER Date Sampled...: 08/07/06 15:15 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHO	D	ANALYSIS DATE	BATCH #
TT	m 6					1 1	
рН	7.6	0.10	No Units		150.1	08/11/06	6223573
		Dilution Facto	or: 1	Analysis	Time: 19:44		
Bicarbonate, as CaCO	410	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	0.30	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Facto	- -	Analysis	Time: 01:53		
Carbonate, as CaCO3	ND	5.0	mq/L	MCAWW	310.1	08/18/06	6233131
,		Dilution Facto	•		Time: 08:30	00, 10, 00	0233131
Chloride	160 Q	60	ma /T	MCCA LINE	200 03	00/11 00/10/06	C005005
Chioride	100 0	Dilution Facto	mg/L		300.0A Time: 16:54	08/11-08/12/06	6227297
		Dilucion Facto	DI: 20	Analysis	Time: 16:54		
Fluoride	1.2	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto	or: 1	Analysis	Time: 01:53		
Nitrate	1.9	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis	Time: 01:53		
Nitrite	ND	0.50	mq/L	MCZMW	300.0A	08/11-08/12/06	6227300
	1112	Dilution Facto	٥.		Time: 01:53	08/11-08/12/00	0227300
		Direction reco	,	MIGLYSIS	11mc 01.33		
Sulfate	630 Q	100	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	or: 20	Analysis	Time: 16:54		
Total Dissolved Solids	1600	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: HINKLE-6S92W-4

General Chemistry

Lot-Sample #...: D6H110363-009 Work Order #...: JA7WA Matrix.....: WATER

Date Sampled...: 08/08/06 09:00 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL_	UNITS	METHO:	D	ANALYSIS DATE	BATCH #
_			_				
рН	7.4	0.10	No Units		150.1	08/11/06	6223573
		Dilution Facto	or: 1	Analysis	Time: 19:45		
Bicarbonate, as CaCO	400	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Facto	_		Time: 02:09	00, 00,, 00	
Carbonate, as CaCO3	ND	5.0	mg/L	MCN tittit	310.1	08/18/06	6233131
carbonace, as cacos	IND	Dilution Facto	•		Time: 08:30	08/18/06	6233131
		DIRECTON FACE	or: T	Amarysis	Time: 08:30		
Chloride	51 Q	6.0	mg/L	MCAWW	300.0A	08/15/06	6228062
		Dilution Facto	or: 2	Analysis	Time: 18:43		
Fluoride	0.50	0.50	mq/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto	3.		Time: 02:09	00, 22 00, 12, 00	022,250
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis	Time: 02:09		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 1	Analysis	Time: 02:09		
Sulfate	300 Q	50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	or: 10	Analysis	Time: 17:11		
Total Dissolved Solids	970	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):				•		•	

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: OLIVER-5S92W-26

General Chemistry

Lot-Sample #...: D6H110363-011 Work Order #...: JA7WF Matrix.....: WATER

Date Sampled...: 08/08/06 14:30 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHO)	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
				_	· · · · · · · · · · · · · · · · · · ·		
pН	7.7	0.10	No Units	MCAWW	150.1	08/11/06	6223573
		Dilution Facto	or: 1	Analysis	Time: 19:49		
Bicarbonate, as CaCO	290	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Facto	or: 1	Analysis	Time: 02:26		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Chloride	9.4	3.0	mg/L	MCAWW	300.0A	08/11-08/12/06	6227297
		Dilution Facto	or: 1	Analysis	Time: 02:26		
Fluoride	0.55	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto	or: 1	Analysis	Time: 02:26		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis	Time: 02:26		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 1	Analysis	Time: 02:26		
Sulfate	150 Q	25	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	or: 5	Analysis	Time: 17:28		
Total Dissolved Solids	530	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RI Reporting Lim

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: WALTER-6S92W-4

General Chemistry

Lot-Sample #...: D6H110363-012 Work Order #...: JA7WH Matrix..... WATER Date Sampled...: 08/08/06 16:30 Date Received..: 08/11/06

PARAMETER	RESULT	<u>RL</u>	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.4	0.10	No Units	MCAWW	150.1	08/11/06	6223573
		Dilution Facto	or: 1	Analysis	Time: 19:40		
Bicarbonate, as CaCO	430	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L		300.0A	08/11-08/12/06	6227302
		Dilution Facto	or: 1	Analysis	Time: 02:43		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Chloride	32	3.0	mg/L	MCAWW	300.0A	08/11-08/12/06	6227297
		Dilution Facto	or: 1	Analysis	Time: 02:43		
Fluoride	0.54	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto	or: 1	Analysis	Time: 02:43		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis	Time: 02:43		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 1	Analysis	Time: 02:43	, , ,	
Sulfate	380 Q	100	mq/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	or: 20	Analysis	Time: 17:44	,	
Total Dissolved Solids	1000	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE (S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: LAYMAN-5S92W-25

General Chemistry

Lot-Sample #...: D6H110363-013 Work Order #...: JA7WL Matrix.....: WATER

Date Sampled...: 08/09/06 10:30 Date Received..: 08/11/06

יי אינד אינד אינד אינד אינד אינד אינד אי	DEGIT III	77. T	TTATTOO	*********	D	PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	ט	ANALYSIS DATE	BATCH #
рН	7.3	0.10	No Units	MCAWW	150.1	08/11/06	6223573
		Dilution Fact	or: 1	Analysis	Time: 19:11		
Bicarbonate, as CaCO	450	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Fact	or: 1	Analysis	Time: 08:30		
Bromide	0.61	0.20	m~ /T	MCVA THEO	300.0A	08/11-08/12/06	<i>(</i> 227202
Brounde	0.61	Dilution Fact	mg/L			08/11-08/12/06	622/302
		Direction Facto	or: 1	Analysis	Time: 02:59		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Fact	or: 1	Analysis	Time: 08:30		
			4				
Chloride	250 Q	60	mg/L		300.0A	08/11-08/12/06	6227297
		Dilution Fact	or: 20	Analysis	Time: 18:01		
Fluoride	0.92	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Fact	or: 1	Analysis	Time: 02:59		
_			_				
Nitrate	22	0.50	mg/L		300.0A	08/11-08/12/06	6227299
		Dilution Fact	or: 1	Analysis	Time: 02:59		
Nitrite	ND	0.50	mq/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Fact	٥.		Time: 02:59	,,,	
				-			
Sulfate	790 Q	100	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Fact	or: 20	Analysis	Time: 18:01		
mate 1 minus 1 and 1						/ /	
Total Dissolved Solids	1600	10	mg/L		160.1	08/14/06	6226395
		Dilution Fact	or: 1	Analysis	Time: 11:00		
NOTE (C) -							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: GUCINI-6S91W-5

General Chemistry

Lot-Sample #...: D6H110363-014 Work Order #...: JA7WP Matrix..... WATER

Date Sampled...: 08/07/06 10:50 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
Hq	7.5	0.10	No Units	MCAWW	150.1	08/11/06	6223573
•		Dilution Facto			Time: 19:13	,	
Bicarbonate, as CaCO	290	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20 Dilution Facto	mg/L or: 1		300.0A Time: 03:16	08/11-08/12/06	6227302
Carbonate, as CaCO3	ND	5.0 Dilution Factor	mg/L or: 1		310.1 Time: 08:30	08/18/06	6233131
Chloride	3.8	3.0 Dilution Factor	mg/L or: 1		300.0A Time: 03:16	08/11-08/12/06	6227297
Fluoride	0.59	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto		Analysis	Time: 03:16	,	
Nitrate	ND	0.50	mg/L or: 1		300.0A Time: 03:16	08/11-08/12/06	6227299
Nitrite	ND	0.50	mg/L or: 1		300.0A Time: 03:16	08/11-08/12/06	6227300
Sulfate	74 Q	25 Dilution Facto	mg/L or: 5		300.0A Time: 18:18	08/11-08/12/06	6227301
Total Dissolved Solids	440	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							

NOTE(S):

RL Reporting Limit

 $[\]boldsymbol{Q}$ $\;$ Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: ARMSTRONG-5S91W-30

General Chemistry

Lot-Sample #...: D6H110363-015 Work Order #...: JA7WQ Matrix.....: WATER

Date Sampled...: 08/07/06 17:00 Date Received..: 08/11/06

	D-0					PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOD		ANALYSIS DATE	BATCH #
рН	7.8	0.10	No Units	MCAWW 150	.1	08/11/06	6223573
		Dilution Fact	or: 1	Analysis Time	e: 19:15		
Bicarbonate, as CaCO	260	5.0	mg/L	MCAWW 310	1.1	08/18/06	6233129
		Dilution Fact	or: 1	Analysis Time	2: 08:30		
Bromide	ND	0.20	mg/L	MCAWW 300	.0A	08/11-08/12/06	6227302
		Dilution Fact	or: 1	Analysis Time	e: 03:33		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW 310	.1	08/18/06	6233131
		Dilution Facto	or: 1	Analysis Time	e: 08:30		
Chloride	6.3	3.0	mg/L	MCAWW 300	.0A	08/11-08/12/06	6227297
	•	Dilution Facto	or: 1	Analysis Time	e: 03:33		
Fluoride	1.1	0.50	mg/L	MCAWW 300	. 0A	08/11-08/12/06	6227298
		Dilution Facto	or: 1	Analysis Time	e: 03:33		
Nitrate	ND	0.50	mg/L	MCAWW 300	.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis Time	2: 03:33		
Nitrite	ND	0.50	mg/L	MCAWW 300	.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 1	Analysis Time	e: 03:33		
Sulfate	130 Q	25	mg/L	MCAWW 300	.0A	08/11-08/12/06	6227301
		Dilution Facto	•	Analysis Time			
Total Dissolved Solids	520	10	mg/L	MCAWW 160	.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis Time	e: 11:00		
NOTE(S):							

RL Reporting Limit

 $[\]ensuremath{\mathsf{Q}}$ $\ensuremath{\mathsf{Elevated}}$ reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: HOLSAN-6S91W-6

General Chemistry

Lot-Sample #...: D6H110363-016 Work Order #...: JA7WR Matrix..... WATER

Date Sampled...: 08/10/06 10:30 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHO	D	ANALYSIS DATE	BATCH #
рн	7.9	0.10	No Units	MCAWW	150.1	08/11/06	6223573
		Dilution Facto	or: 1	Analysis	Time: 19:19		
Bicarbonate, as CaCO	360	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Facto	or: 1	Analysis	Time: 03:49		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Chloride	70 Q	15	mg/L	MCAWW	300.0A	08/11-08/12/06	6227297
		Dilution Facto	or: 5	Analysis	Time: 18:51		
Fluoride	3.4	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Facto	or: 1	Analysis	Time: 03:49		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	or: 1	Analysis	Time: 03:49		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Facto	or: 1	Analysis	Time: 03:49		
Sulfate	130 Q	25	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Facto	or: 5	Analysis	Time: 18:51		
Total Dissolved Solids	730	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE (S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: MOEN-6S92W-6

General Chemistry

Lot-Sample #...: D6H110363-017 Work Order #...: JA7WT Matrix.....: WATER

Date Sampled...: 08/10/06 09:00 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHOI	<u> </u>	ANALYSIS DATE	BATCH #
рН	7.9	0.10	No Units	MCAWW	150.1	08/11/06	6223573
		Dilution Facto	r: 1	Analysis	Time: 19:20		
Bicarbonate, as CaCO	450	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	r: 1	Analysis	Time: 08:30		
Bromide	0.58	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Facto	-	Analysis	Time: 04:06		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	-		Time: 08:30	30, 10, 30	0200101
Chloride	210 0	60	mar /T	MCCA Versa	300.0A	00/11 00/12/06	6227207
CITOLIGE	210 Q	Dilution Facto	mg/L r: 20		Time: 19:08	08/11-08/12/06	6221291
				_			
Fluoride	1.3	0.50 Dilution Facto	mg/L		300.0A Time: 04:06	08/11-08/12/06	6227298
		DITUTION FACTO	T: T	Anarysis	11me: 04:06		
Nitrate	8.6	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Facto	r: 1	Analysis	Time: 04:06		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227300
		Dilution Facto	r: 1	Analysis	Time: 04:06		
Sulfate	690 O	100	mq/L	MCAWW	300.0A	08/11-08/12/06	6227301
	~	Dilution Facto	٥.	Analysis	Time: 19:08	,	
Total Dissolved Solids	1800	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	r: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: COLLER-5S91W-4

General Chemistry

Lot-Sample #...: D6H110363-018 Work Order #...: JA7W2 Matrix.....: WATER

Date Sampled...: 08/10/06 11:00 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.4	0.10 Dilution Facto	No Units		150.1 Time: 19:25	08/11/06	6223573
Bicarbonate, as CaCO	320	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
-	r	ilution Facto	r: 1	Analysis	Time: 08:30		
Bromide	ND	0.20 Dilution Facto	mg/L r: 1		300.0A Time: 04:56	08/11-08/12/06	6227302
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L r: 1	MCAWW Analysis	310.1 Time: 08:30	08/18/06	6233131
Chloride	3.0	3.0 Dilution Facto	mg/L r: 1		300.0A Time: 04:56	08/11-08/12/06	6227297
Fluoride	ND L	0.50 Dilution Facto	mg/L r: 1		300.0A Time: 04:56	08/11-08/12/06	6227298
Nitrate	1.2	0.50 Dilution Facto	mg/L r: 1		300.0A Time: 04:56	08/11-08/12/06	6227299
Nitrite	ND	0.50 Dilution Facto	mg/L r: 1		300.0A Time: 04:56	08/11-08/12/06	6227300
Sulfate	29	5.0 Dilution Facto	mg/L r: 1		300.0A Time: 04:56	08/11-08/12/06	6227301
Total Dissolved Solids	400	10	mg/L	MCAWW	160.1	08/14/06	6226395
	Ε	ilution Facto	r: 1	Analysis	Time: 11:00		

Client Sample ID: WALKER-5S92W-25

General Chemistry

Lot-Sample #...: D6H110363-019 Work Order #...: JA7W3 Matrix.....: WATER

Date Sampled...: 08/09/06 18:45 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHO	D	ANALYSIS DATE	BATCH #
рH	7.8	0.10	No Units	MCAWW	150.1	08/11/06	6223573
r		Dilution Fact			Time: 19:35	00, 22, 00	
Bicarbonate, as CaCO 3	340	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Fact	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Fact	or: 1	Analysis	Time: 05:13		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
, , , , , , , , , , , , , , , , , , , ,		Dilution Fact	•		Time: 08:30	,,	
one i e e e e e e e e e e			/-				
Chloride	14	3.0 Dilution Fact	mg/L		300.0A	08/11-08/12/06	6227297
		Dilution Fact	or: I	Analysis	Time: 05:13		
Fluoride	1.5	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Fact	or: 1	Analysis	Time: 05:13		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Fact	or: 1	Analysis	Time: 05:13	, , ,	
Nitrite	ND	0.50	mq/L	MC'A Tattat	300.0A	08/11-08/12/06	6227200
MICIEC	ND	Dilution Fact	٠.		Time: 05:13	08/11-08/12/00	0227300
		Direction race	01. 1	FIRETABLE	11me 03.13		
Sulfate	180 Q	100	mg/L	MCAWW	300.0A	08/11-08/12/06	6227301
		Dilution Fact	or: 20	Analysis	Time: 19:24		
Total Dissolved Solids	650	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Fact	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: BELLIO1-6S92W-2

General Chemistry

Lot-Sample #...: D6H110363-020 Work Order #...: JA7XA Matrix.....: WATER

Date Sampled...: 08/09/06 12:15 Date Received..: 08/11/06

					_	PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHO)	ANALYSIS DATE	BATCH #
рН	7.4	0.10	No Units	MCAWW	150.1	08/11/06	6223573
		Dilution Fact	or: 1	Analysis	Time: 19:31		
Bicarbonate, as CaCO	550	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Fact	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227302
		Dilution Fact	_	Analysis	Time: 05:29		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
,		Dilution Fact	•		Time: 08:30		
Chloride	21	3.0	mq/L	MCAWW	300.0A	08/11-08/12/06	6227297
		Dilution Fact	-		Time: 05:29	00, == 00, ==, 00	
Fluoride	0.95	0.50	mq/L	MCAWW	300.0A	08/11-08/12/06	6227298
		Dilution Fact	-		Time: 05:29	00, 22 00, 22, 00	0.00.00
Nitrate	2.7	0.50	mq/L	MCAWW	300.0A	08/11-08/12/06	6227299
		Dilution Fact	٠.		Time: 05:29	00, 11 00, 12, 00	022723
Nitrite	ND	0.50	mq/L	MCAWW	300.0A	08/11-08/12/06	6227300
	212	Dilution Fact	٥.		Time: 05:29	00/11 00/12/00	0227300
Sulfate	410 O	100	mg/L	мсхыы	300.0A	08/11-08/12/06	6227201
	TIU Q	Dilution Fact	_	-	Time: 20:14	00/11 00/12/00	0227301
Total Dissolved Solids	1200	10	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Fact	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: SAM-5S91W-31

General Chemistry

Lot-Sample #...: D6H110363-021 Work Order #...: JA7XC Matrix.....: WATER Date Sampled...: 08/09/06 11:30 Date Received..: 08/11/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL RL	UNITS	METHO	<u> </u>	ANALYSIS DATE	BATCH #
рН	7.9	0.10	No Units	MCAWW	150.1	08/11/06	6223573
_		Dilution Facto	or: 1	Analysis	Time: 19:30	,,	
 -							
Bicarbonate, as CaCO 3	420	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/11-08/12/06	6227309
		Dilution Facto	or: 1	Analysis	Time: 05:46		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/18/06	6233131
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Chloride	22	3.0	mq/L	MCAWW	300.0A	08/11-08/12/06	6227304
		Dilution Facto	or: 1	Analysis	Time: 05:46		
Fluoride	1.1	0.50	mg/L	MCAWW	300.0A	08/11-08/12/06	6227305
		Dilution Facto		Analysis	Time: 05:46	,	
Nitrate	0.92	0.50	mq/L	MCAWW	300.0A	08/11-08/12/06	6227306
		Dilution Facto	٥.		Time: 05:46	00,11 00,12,00	0227300
Nitrite	ND	0.50	mg/L	MCZWW	300.0A	08/11-08/12/06	6227307
		Dilution Facto	٥.		Time: 05:46	00/11 00/12/00	0227507
Sulfate	370 O	100	mg/L	<i>Μር</i> አ ህህ	300.0A	08/11-08/12/06	<i>6</i> 227200
	370 Q	Dilution Facto	_		Time: 20:31	08/11-08/12/06	6227306
Total Dissolved	980	10	ma /T	BAZIN ENGT	160 1	00/14/06	6006365
Solids	30U	TO	mg/L	MCAWW	160.1	08/14/06	6226395
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: ZAR-6S92W-3

General Chemistry

Lot-Sample #...: D6H110363-022 Work Order #...: JA7XE Matrix.....: WATER

Date Sampled...: 08/09/06 15:30 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHO)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.4	0.10 Dilution Facto	No Units		150.1 Time: 19:23	08/11/06	6223573
Bicarbonate, as CaCO	440	5.0	mg/L	MCAWW	310.1	08/18/06	6233129
		Dilution Facto	or: 1	Analysis	Time: 08:30		
Bromide	ND	0.20	mg/L or: 1		300.0A Time: 06:03	08/11-08/12/06	6227309
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L or: 1	MCAWW Analysis	310.1 Time: 08:30	08/18/06	6233131
Chloride	30	3.0 Dilution Factor	mg/L or: 1		300.0A Time: 06:03	08/11-08/12/06	6227304
Fluoride	0.54	0.50	mg/L	MCAWW	300.0A Time: 06:03	08/11-08/12/06	6227305
Nitrate	0.96	0.50	mg/L	MCAWW	300.0A Time: 06:03	08/11-08/12/06	6227306
Nitrite	ND	0.50	mg/L	MCAWW	300.0A Time: 06:03	08/11-08/12/06	6227307
Sulfate	360 Q	100 Dilution Facto	mg/L	MCAWW	300.0A Time: 20:47	08/11-08/12/06	6227308
Total Dissolved Solids	1000	10	mg/L	-	160.1	08/14/06	6226395
202240		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: BELLIO3-6S92W-2

General Chemistry

Lot-Sample #...: D6H110363-023 Work Order #...: JA7XF Matrix.....: WATER

Date Sampled...: 08/09/06 13:16 Date Received..: 08/11/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.3	0.10	No Units	MCAWW 150.1	08/11/06	6223573
		Dilution Factor	or: 1	Analysis Time: 19:27		
Bicarbonate, as CaCC	510	5.0	mg/L	MCAWW 310.1	08/18/06	6233130
		Dilution Facto	or: 1	Analysis Time: 08:30		
Bromide	ND	0.20 Dilution Factor	mg/L or: 1	MCAWW 300.0A Analysis Time: 06:19	08/11-08/12/06	6227309
Carbonate, as CaCO3	ND	5.0 Dilution Factor	mg/L or: 1	MCAWW 310.1 Analysis Time: 08:30	08/18/06	6233132
Chloride	7.8	3.0 Dilution Fact	mg/L or: 1	MCAWW 300.0A Analysis Time: 06:19	08/11-08/12/06	6227304
Fluoride	0.60	0.50 Dilution Fact	mg/L or: 1	MCAWW 300.0A Analysis Time: 06:19	08/11-08/12/06	6227305
Nitrate	ND	0.50 Dilution Fact	mg/L or: 1	MCAWW 300.0A Analysis Time: 06:19	08/11-08/12/06	6227306
Nitrite	ND	0.50 Dilution Fact	mg/L or: 1	MCAWW 300.0A Analysis Time: 06:19	08/11-08/12/06	6227307
Sulfate	280 Q	100 Dilution Fact	mg/L or: 20	MCAWW 300.0A Analysis Time: 21:04	08/11-08/12/06	6227308
Total Dissolved Solids	990	10	mg/L	MCAWW 160.1	08/14/06	6226396
		Dilution Fact	or: 1	Analysis Time: 11:00		
MONTE (C)						

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

D6H110363

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
0.07	7-73 MIDO	MONTH AND A			
001	WATER	MCAWW 150.1		6223570	6228165
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A	•	6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
002	WATER	MCAWW 150.1		6223570	6228165
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A	•	6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
003	MA III II	MCD LTL 1 F O 1		COO 2 5 5 0	50001.55
003	WATER	MCAWW 150.1		6223570	6228165
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311

D6H110363

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
003	WATER	RSK SOP-175		6227654	
004	WATER	MCAWW 150.1		6223570	6228165
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
005	WATER	MCAWW 150.1		6223570	6228165
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
006	WATER	SW846 8021B		6228526	6228311
007	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196

D6H110363

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
007	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
800	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
009	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6228062	6228032
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
010	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	0220311
011	TATA COLUMN	NACIA ETTA A CO. A			
011	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	

D6H110363

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
011	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
012	MA MED	MONUM 150 1		6000 550	5000175
012	WATER WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	6000101
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
		MCAWW 300.0A		6227299	6229197
	WATER WATER	MCAWW 300.0A		6227302	6229196
		MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER WATER	MCAWW 310.1		6233129	6000011
	WATER	SW846 8021B RSK SOP-175		6228526	6228311
	WAIER	KDV POL-1/2		6227654	
013	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	

D6H110363

Sample Preparation and Analysis Control Numbers

G3.155 = 11		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
014	WATER	MCAWW 150.1		6223573	6220176
022	WATER	MCAWW 160.1		6226395	6228176 6228118
	WATER	MCAWW 200.7			
	WATER	MCAWW 310.1		6226354	6226227
	WATER	MCAWW 310.1		6233131	6220104
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER			6227299	6229197
		MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	
015	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	0220227
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227302	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	0220210
	WATER	SW846 8021B		6228526	6228311
	WATER	RSK SOP-175		6227654	0220311
				0.12.7.00.1	
016	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6228526	6228311

D6H110363

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
016	WATER	RSK SOP-175		6227654	
017	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6227654	
018	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6227654	
019	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216

QC DATA ASSOCIATION SUMMARY

D6H110363

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
019	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6227654	
020	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227297	6229194
	WATER	MCAWW 300.0A		6227301	6229199
	WATER	MCAWW 300.0A		6227298	6229192
	WATER	MCAWW 300.0A		6227299	6229197
	WATER	MCAWW 300.0A		6227302	6229196
	WATER	MCAWW 300.0A		6227300	6229195
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6227654	
021	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227304	6229179
	WATER	MCAWW 300.0A		6227308	6229191
	WATER	MCAWW 300.0A		6227305	6229174
	WATER	MCAWW 300.0A		6227306	6229188
	WATER	MCAWW 300.0A		6227309	6229183
	WATER	MCAWW 300.0A		6227307	6229182
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6228564	6228340
022	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226395	6228118
	WATER	MCAWW 200.7		6226354	6226227
	WATER	MCAWW 310.1		6233131	
	WATER	MCAWW 300.0A		6227304	6229179
	WATER	MCAWW 300.0A		6227308	6229191
	WATER	MCAWW 300.0A		6227305	6229174
	WATER	MCAWW 300.0A		6227306	6229188
	WATER	MCAWW 300.0A		6227309	6229183

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D6H110363

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
					,
022	WATER	MCAWW 300.0A		6227307	6229182
	WATER	MCAWW 200.8		6226335	6226216
	WATER	MCAWW 310.1		6233129	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6228564	6228340
023	WATER	MCAWW 150.1		6223573	6228176
	WATER	MCAWW 160.1		6226396	6228119
	WATER	MCAWW 200.7		6226355	6226229
	WATER	MCAWW 310.1		6233132	
	WATER	MCAWW 300.0A		6227304	6229179
	WATER	MCAWW 300.0A		6227308	6229191
	WATER	MCAWW 300.0A		6227305	6229174
	WATER	MCAWW 300.0A		6227306	6229188
	WATER	MCAWW 300.0A		6227309	6229183
	WATER	MCAWW 300.0A		6227307	6229182
	WATER	MCAWW 200.8		6226336	6226217
	WATER	MCAWW 310.1		6233130	
	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6228564	6228340
024	WATER	SW846 8021B		6229351	6229271
025	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6227654	
026	WATER	SW846 8021B		6229351	6229271
	WATER	RSK SOP-175		6228564	6228340

GC Volatiles

Client Lot #...: D6H110363

Work Order #...: JCD6D1AA

Matrix..... WATER

MB Lot-Sample #: D6H150000-654

Prep Date....: 08/14/06

Analysis Date..: 08/14/06

Prep Batch #...: 6227654

Analysis Time..: 10:08

Dilution Factor: 1

PARAMETER

RESULT

REPORTING LIMIT

UNITS

Methane

ND

5.0

ug/L

RSK SOP-175

NOTE(S):

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCHE51AA Matrix...... WATER

MB Lot-Sample #: D6H160000-564

Prep Date.....: 08/15/06 Analysis Time..: 09:37

Analysis Date..: 08/15/06 Prep Batch #...: 6228564

Dilution Factor: 1

REPORTING

PARAMETERRESULTLIMITUNITSMETHODMethaneND5.0ug/LRSK SOP-175

NOTE(S):

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCD6D1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H150000-654 JCD6D1AD-LCSD

 Prep Date....:
 08/14/06
 Analysis Date..:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time..:
 09:58

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Methane	82	(69 - 125)			RSK SOP-175
	91	(69 - 125)	9.8	(0-20)	RSK SOP-175
Ethane	84	(60 - 135)			RSK SOP-175
	93	(60 - 135)	9.6	(0-20)	RSK SOP-175
Ethene	87	(64 - 134)			RSK SOP-175
	95	(64 - 134)	8.2	(0-20)	RSK SOP-175
Acetylene	99	(60 - 120)			RSK SOP-175
	98	(60 - 120)	1.1	(0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCD6D1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H150000-654 JCD6D1AD-LCSD

 Prep Date....:
 08/14/06
 Analysis Date..:
 08/14/06

 Prep Batch #...:
 6227654
 Analysis Time..:
 09:58

Dilution Factor: 1

	SPIKE	MEASUREI)	PERCENT		
PARAMETER	AMOUNT	TUUOMA	UNITS	RECOVERY	RPD	METHOD
Methane	73.0	60.1	ug/L	82		RSK SOP-175
	73.0	66.2	ug/L	91	9.8	RSK SOP-175
Ethane	137	115	ug/L	84		RSK SOP-175
	137	127	ug/L	93	9.6	RSK SOP-175
Ethene	127	111	ug/L	87		RSK SOP-175
	127	121	ug/L	95	8.2	RSK SOP-175
Acetylene	118	116	ug/L	99		RSK SOP-175
	118	115	ug/L	98	1.1	RSK SOP-175
NORTH (a)						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCHE51AC-LCS Matrix...... WATER

LCS Lot-Sample#: D6H160000-564 JCHE51AD-LCSD

 Prep Date....:
 08/15/06
 Analysis Date..:
 08/15/06

 Prep Batch #...:
 6228564
 Analysis Time..:
 09:27

Dilution Factor: 1

PERCENT	RECOVERY		RPD	
RECOVERY	LIMITS	RPD	LIMITS	METHOD
90	(69 - 125)			RSK SOP-175
85	(69 - 125)	5.5	(0-20)	RSK SOP-175
92	(60 - 135)			RSK SOP-175
87	(60 - 135)	5.4	(0-20)	RSK SOP-175
94	(64 - 134)			RSK SOP-175
90	(64 - 134)	4.5	(0-20)	RSK SOP-175
101	(60 - 120)			RSK SOP-175
102	(60 - 120)	1.2	(0-20)	RSK SOP-175
	RECOVERY 90 85 92 87 94 90 101	RECOVERY 90 (69 - 125) 85 (69 - 125) 92 (60 - 135) 87 (60 - 135) 94 (64 - 134) 90 (64 - 134) 101 (60 - 120)	RECOVERY LIMITS RPD 90 (69 - 125) 85 (69 - 125) 5.5 92 (60 - 135) 87 (60 - 135) 5.4 94 (64 - 134) 90 (64 - 134) 4.5 101 (60 - 120)	RECOVERY LIMITS RPD LIMITS 90 (69 - 125) 5.5 (0-20) 85 (69 - 125) 5.5 (0-20) 92 (60 - 135) 5.4 (0-20) 94 (64 - 134) 4.5 (0-20) 90 (64 - 134) 4.5 (0-20) 101 (60 - 120) 60 60 60

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCHE51AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H160000-564 JCHE51AD-LCSD

 Prep Date....:
 08/15/06
 Analysis Date..:
 08/15/06

 Prep Batch #...:
 6228564
 Analysis Time..:
 09:27

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	AMOUNT	TRUUOMA	UNITS	RECOVERY	RPD	METHOD
Methane	73.0	65.6	ug/L	90		RSK SOP-175
	73.0	62.0	ug/L	85	5.5	RSK SOP-175
Ethane	137	126	ug/L	92		RSK SOP-175
	137	120	ug/L	87	5.4	RSK SOP-175
Ethene	127	120	ug/L	94		RSK SOP-175
·	127	115	ug/L	90	4.5	RSK SOP~175
Acetylene	118	119	ug/L	101		RSK SOP-175
	118	120	ug/L	102	1.2	RSK SOP-175
MORE (G)						

NOTR(S).

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JAWEC1GL-MS Matrix..... WATER

MS Lot-Sample #: F6H080293-002 JAWEC1GM-MSD

 Date Sampled...:
 08/07/06
 11:15
 Date Received...:
 08/08/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228564
 Analysis Time...:
 12:21

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Methane	76	(51 - 165)			RSK SOP-175
	88	(51 - 165)	1.4	(0-20)	RSK SOP-175
Ethane	80	(46 - 175)			RSK SOP-175
	92	(46 - 175)	14	(0-20)	RSK SOP-175
Ethene	82	(62 - 168)			RSK SOP-175
	92	(62 - 168)	11	(0-20)	RSK SOP-175
Acetylene	87	(60 - 120)			RSK SOP-175
	90	(60 - 120)	3.5	(0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JAWEC1GL-MS Matrix..... WATER

MS Lot-Sample #: F6H080293-002 JAWEC1GM-MSD

 Date Sampled...:
 08/07/06
 11:15
 Date Received...:
 08/08/06

 Prep Date....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228564
 Analysis Time...:
 12:21

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT		
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD
Methane	ND	73.0	58.7	ug/L	76		RSK SOP-175
	ND	73.0	67.8	ug/L	88	14	RSK SOP-175
Ethane	ND	137	110	ug/L	80		RSK SOP-175
	ND	137	126	ug/L	92	14	RSK SOP-175
Ethene	ND	127	104	ug/L	82		RSK SOP-175
	ND	127	117	ug/L	92	1.1.	RSK SOP-175
Acetylene	ND	118	103	ug/L	87		RSK SOP-175
	ND	118	107	ug/L	90	3.5	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

GC Volatiles

Client Lot #...: D6H110363

Work Order #...: JCG3T1AA

Matrix..... WATER

MB Lot-Sample #: D6H160000-526

Prep Date....: 08/15/06
Prep Batch #...: 6228526

Analysis Time..: 10:38

Analysis Date..: 08/15/06

Dilution Factor: 1

		REPORTING				
PARAMETER	RESULT	LIMIT	UNITS	METHOD		
Benzene	ND	0.50	ug/L	SW846 8021B		
Ethylbenzene	ND	0.50	ug/L	SW846 8021B		
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B		
Toluene	ND	0.50	ug/L	SW846 8021B		
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B		
o-Xylene	ND	0.50	ug/L	SW846 8021B		
Xylenes (total)	ND	0.50	ug/L	SW846 8021B		
	PERCENT	RECOVERY				
SURROGATE	RECOVERY	LIMITS				
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115	5)			

NOTE(S):

GC Volatiles

Client Lot #...: D6H110363

Work Order #...: JCKGM1AA

Matrix..... WATER

MB Lot-Sample #: D6H170000-351

Prep Date....: 08/16/06
Prep Batch #...: 6229351

Analysis Time..: 14:18

Analysis Date..: 08/16/06

Dilution Factor: 1

REPORTING

PARAMETER	RESULT	LIMIT	UNITS	METHOD
Benzene	ND	0.50	ug/L	SW846 8021B
Ethylbenzene	ND	0.50	ug/L	SW846 8021B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B
Toluene	ND	0.50	ug/L	SW846 8021B
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B
o-Xylene	ND	0.50	ug/L	SW846 8021B
Xylenes (total)	ND	0.50	ug/L	SW846 8021B
GY	PERCENT	RECOVER	Y	
SURROGATE	RECOVERY	LIMITS		
<pre>a,a,a-Trifluorotoluene (TFT)</pre>	98	(85 - 1	15)	

NOTE(S):

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCG3T1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H160000-526 JCG3T1AD-LCSD

 Prep Date.....:
 08/15/06
 Analysis Date..:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time..:
 09:26

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	82	(75 - 117)			SW846 8021B
	96	(75 - 117)	15	(0-45)	SW846 8021B
Ethylbenzene	86	(79 - 115)			SW846 8021B
	97	(79 - 115)	12	(0-46)	SW846 8021B
Chlorobenzene	83	(81 - 115)			SW846 8021B
	93	(81 - 115)	11	(0-35)	SW846 8021B
Toluene	82	(77 - 115)			SW846 8021B
	95	(77 - 115)	15	(0-45)	SW846 8021B
Xylenes (total)	86	(79 - 116)			SW846 8021B
	97	(79 - 116)	12	(0-46)	SW846 8021B
1,3-Dichlorobenzene	87	(80 - 115)			SW846 8021B
	96	(80 - 115)	10	(0-35)	SW846 8021B
1,4-Dichlorobenzene	88	(79 - 115)			SW846 8021B
	98	(79 - 115)	10	(0-35)	SW846 8021B
1,2-Dichlorobenzene	86	(80 - 115)			SW846 8021B
	96	(80 - 115)	11	(0-35)	SW846 8021B
		PERCENT	RECO	ÆRY	
SURROGATE		RECOVERY	<u> </u>	rs	
a,a,a-Trifluorotoluene (TFT)		95	(85 -	- 115)	
		96	(85 -	- 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCG3T1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H160000-526 JCG3T1AD-LCSD

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 09:26

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	AMOUNT	THUUMA	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	16.4	ug/L	82		SW846 8021B
	20.0	19.1	ug/L	96	15	SW846 8021B
Ethylbenzene	20.0	17.2	ug/L	86		SW846 8021B
	20.0	19.4	ug/L	97	12	SW846 8021B
Chlorobenzene	20.0	16.6	ug/L	83		SW846 8021B
	20.0	18.5	ug/L	93	11	SW846 8021B
Toluene	20.0	16.5	ug/L	82		SW846 8021B
	20.0	19.1	ug/L	95	15	SW846 8021B
Xylenes (total)	60.0	51.5	ug/L	86		SW846 8021B
	60.0	58.2	ug/L	97	12	SW846 8021B
1,3-Dichlorobenzene	20.0	17.3	ug/L	87		SW846 8021B
	20.0	19.2	ug/L	96	10	SW846 8021B
1,4-Dichlorobenzene	20.0	17.6	ug/L	88		SW846 8021B
	20.0	19.5	ug/L	98	10	SW846 8021B
1,2-Dichlorobenzene	20.0	17.2	ug/L	86		SW846 8021B
	20.0	19.2	ug/L	96	11	SW846 8021B
			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS		
a,a,a-Trifluorotoluene			95	(85 - 115)	
(TFT)						
			96	(85 - 115	()	
			•			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCKGM1AC-LCS Matrix.....: WATER

LCS Lot-Sample#: D6H170000-351 JCKGM1AD-LCSD

 Prep Date....:
 08/16/06
 Analysis Date..:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time..:
 13:03

Dilution Factor: 1

	PERCENT	RECOVERY	RPD	
PARAMETER	RECOVERY	LIMITS	RPD LIMITS	METHOD
Benzene	95	(75 - 117)		SW846 8021B
	95	(75 - 117)	0.56 (0-45)	SW846 8021B
Ethylbenzene	98	(79 - 115)		SW846 8021B
	98	(79 - 115)	0.010 (0-46)	SW846 8021B
Chlorobenzene	97	(81 - 115)		SW846 8021B
	96	(81 - 115)	0.26 (0-35)	SW846 8021B
Toluene	97	(77 - 115)		SW846 8021B
	97	(77 - 115)	0.0 (0-45)	SW846 8021B
Xylenes (total)	98	(79 - 116)		SW846 8021B
	98	(79 - 116)	0.050 (0-46)	SW846 8021B
1,3-Dichlorobenzene	103	(80 - 115)		SW846 8021B
	102	(80 - 115)	0.95 (0-35)	SW846 8021B
1,4-Dichlorobenzene	99	(79 - 115)		SW846 8021B
	99	(79 - 115)	0.64 (0-35)	SW846 8021B
1,2-Dichlorobenzene	97	(80 - 115)		SW846 8021B
	97	(80 - 115)	0.030 (0-35)	SW846 8021B
		DEDGEME	DEGOTZEDIA	
SURROGATE		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)		97	(85 - 115)	
		97	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JCKGM1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H170000-351 JCKGM1AD-LCSD

 Prep Date....:
 08/16/06
 Analysis Date..:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time..:
 13:03

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	18.9	ug/L	95		SW846 8021B
	20.0	19.0	ug/L	95	0.56	SW846 8021B
Ethylbenzene	20.0	19.6	ug/L	98		SW846 8021B
	20.0	19.6	ug/L	98	0.010	SW846 8021B
Chlorobenzene	20.0	19.3	ug/L	97		SW846 8021B
	20.0	19.3	ug/L	96	0.26	SW846 8021B
Toluene	20.0	19.3	ug/L	97		SW846 8021B
	20.0	19.3	ug/L	97	0.0	SW846 8021B
Xylenes (total)	60.0	58.7	ug/L	98		SW846 8021B
	60.0	58.6	ug/L	98	0.050	SW846 8021B
1,3-Dichlorobenzene	20.0	20.6	ug/L	103		SW846 8021B
	20.0	20.4	ug/L	102	0.95	SW846 8021B
1,4-Dichlorobenzene	20.0	19.8	ug/L	99		SW846 8021B
	20.0	19.7	ug/L	99	0.64	SW846 8021B
1,2-Dichlorobenzene	20.0	19.4	ug/L	97		SW846 8021B
	20.0	19.4	ug/L	97	0.030	SW846 8021B
•			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS	_	
a,a,a-Trifluorotoluene (TFT)			97	(85 - 115)	
			97	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JA7VL1CF-MS Matrix..... WATER

MS Lot-Sample #: D6H110363-001 JA7VL1CG-MSD

 Date Sampled...:
 08/08/06
 10:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 11:51

Dilution Factor: 1

1	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	89	(75 - 117)			SW846 8021B
	89	(75 - 117)	0.40	(0-45)	SW846 8021B
Ethylbenzene	93	(79 - 115)			SW846 8021B
	92	(79 - 115)	0.33	(0-46)	SW846 8021B
Chlorobenzene	89	(81 ~ 115)			SW846 8021B
	90	(81 - 115)	1.1	(0-35)	SW846 8021B
Toluene	91	(77 - 115)			SW846 8021B
	89	(77 - 115)	1.5	(0-45)	SW846 8021B
Xylenes (total)	90	(79 - 116)			SW846 8021B
	89	(79 - 116)	1.4	(0-46)	SW846 8021B
1,3-Dichlorobenzene	94	(80 - 115)			SW846 8021B
	95	(80 - 115)	1.0	(0-35)	SW846 8021B
1,4-Dichlorobenzene	95	(79 - 115)			SW846 8021B
	95	(79 - 115)	0.65	(0-35)	SW846 8021B
1,2-Dichlorobenzene	92	(80 - 115)			SW846 8021B
	93	(80 - 115)	0.53	(0-35)	SW846 8021B
		PERCENT		RECOVERY	
SURROGATE	_	RECOVERY		LIMITS	
a,a,a-Trifluorotoluene (TFT)		96		(85 - 115)
		94		(85 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JA7VL1CF-MS Matrix..... WATER

MS Lot-Sample #: D6H110363-001 JA7VL1CG-MSD

 Date Sampled...:
 08/08/06
 10:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/15/06
 Analysis Date...:
 08/15/06

 Prep Batch #...:
 6228526
 Analysis Time...:
 11:51

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT			
PARAMETER	TUUOMA	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOI)
Benzene	ND	20.0	17.9	ug/L	89		SW846	8021B
	ND	20.0	17.8	ug/L	89	0.40	SW846	8021B
Ethylbenzene	ND	20.0	18.5	ug/L	93		SW846	8021B
	ND	20.0	18.4	ug/L	92	0.33	SW846	8021B
Chlorobenzene	ND	20.0	17.8	ug/L	89		SW846	8021B
	ND	20.0	18.0	ug/L	90	1.1	SW846	8021B
Toluene	ND	20.0	18.1	ug/L	91		SW846	8021B
	ND	20.0	17.8	ug/L	89	1.5	SW846	8021B
Xylenes (total)	ND	60.0	54.2	ug/L	90		SW846	8021B
	ND	60.0	53.5	ug/L	89	1.4	SW846	8021B
1,3-Dichlorobenzene	NID .	20.0	18.7	ug/L	94		SW846	8021B
	ND	20.0	18.9	ug/L	95	1.0	SW846	8021B
1,4-Dichlorobenzene	ND	20.0	18.9	ug/L	95		SW846	8021B
	ND	20.0	19.0	ug/L	95	0.65	SW846	8021B
1,2-Dichlorobenzene	ND	20.0	18.5	ug/L	92		SW846	8021B
	ND	20.0	18.6	ug/L	93	0.53	SW846	8021B
		PE	ERCENT]	RECOVERY			
SURROGATE	_	RE	COVERY]	LIMITS	_		
a,a,a-Trifluorotoluene		96	5	_	(85 - 115)	_		
(TFT)								
		94	Ŀ		(85 - 115)			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JA7WT1A4-MS Matrix..... WATER

 Date Sampled...:
 08/10/06 09:00 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06 Date...:
 08/16/06 Analysis Time...:
 15:39

Dilution Factor: 1

	PERCENT	RECOVERY		RPD		
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHO	D
Benzene	88	(75 - 117)			SW846	8021B
	89	(75 - 117)	0.97	(0-45)	SW846	8021B
Ethylbenzene	90	(79 - 115)			SW846	8021B
	91	(79 - 115)	0.77	(0-46)	SW846	8021B
Chlorobenzene	89	(81 - 115)			SW846	8021B
	89	(81 - 115)	0.90	(0-35)	SW846	8021B
Toluene	89	(77 - 115)			SW846	8021B
	90	(77 - 115)	0.91	(0-45)	SW846	8021B
Xylenes (total)	90	(79 - 116)			SW846	8021B
	90	(79 - 116)	0.19	(0-46)	SW846	8021B
1,3-Dichlorobenzene	95	(80 - 115)			SW846	8021B
	95	(80 - 115)	0.38	(0-35)	SW846	8021B
1,4-Dichlorobenzene	91	(79 - 115)			SW846	8021B
	91	(79 - 115)	0.04	(0-35)	SW846	8021B
1,2-Dichlorobenzene	90	(80 - 115)			SW846	8021B
	89	(80 - 115)	0.27	(0-35)	SW846	8021B
		PERCENT		RECOVERY	•	
SURROGATE	_	RECOVERY		LIMITS	_	
a,a,a-Trifluorotoluene (TFT)		98		(85 - 115)	
		98		(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

GC Volatiles

Client Lot #...: D6H110363 Work Order #...: JA7WT1A4-MS Matrix..... WATER

 Date Sampled...:
 08/10/06 09:00
 Date Received...:
 08/11/06

 Prep Date.....:
 08/16/06
 Analysis Date...:
 08/16/06

 Prep Batch #...:
 6229351
 Analysis Time...:
 15:39

Dilution Factor: 1

·-	SAMPLE	SPIKE	MEASRD		PERCNT			
PARAMETER	TUUOMA	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOI)
Benzene	ND	20.0	17.6	ug/L	88		SW846	8021B
	ND	20.0	17.8	ug/L	89	0.97	SW846	8021B
Ethylbenzene	ND	20.0	18.1	ug/L	90		SW846	8021B
	ND	20.0	18.2	ug/L	91	0.77	SW846	8021B
Chlorobenzene	ND	20.0	17.7	ug/L	89		SW846	8021B
	ND	20.0	17.9	ug/L	89	0.90	SW846	8021B
Toluene	ND	20.0	17.7	ug/L	89		SW846	8021B
	ND	20.0	17.9	ug/L	90	0.91	SW846	8021B
Xylenes (total)	ND	60.0	54.0	ug/L	90		SW846	8021B
	ND	60.0	54.1	ug/L	90	0.19	SW846	8021B
1,3-Dichlorobenzene	ND	20.0	18.9	ug/L	95		SW846	8021B
	ND	20.0	19.0	ug/L	95	0.38	SW846	8021B
1,4-Dichlorobenzene	ND	20.0	18.2	ug/L	91		SW846	8021B
	ND	20.0	18.2	ug/L	91	0.04	SW846	8021B
1,2-Dichlorobenzene	ND	20.0	17.9	ug/L	90		SW846	8021B
	ND	20.0	17.9	ug/L	89	0.27	SW846	8021B
		ייסי	ERCENT		DECOMEDIA			
SURROGATE					RECOVERY			
a,a,a-Trifluorotoluene	-		COVERY		LIMITS	_		
(TFT)		98	5		(85 - 115)	•		
		98	3		(85 - 115)	i		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TOTAL Metals

Client Lot #...: D6H110363 Matrix....: WATER

		REPORTING			PREPARATION-	WORK
PARAMETER	RESULT	<u>LIMIT</u>	UNITS	METHOD	ANALYSIS DATE	ORDER #
MB Lot-Sample	#. DEU140000	22E Drop Do	+ah# - /	5006335		
Arsenic	#: D0H140000- ND	эээ Ргер ва 5.0	ug/L	MCAWW 200.8	08/15-08/17/06	.TC7.TO17\7
	140	Dilution Facto	-	MCAWW 200.6	08/13-08/17/00	UCAUQIAA
		Analysis Time.				
		-				
Barium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJQ1AC
		Dilution Facto	or: 1			
		Analysis Time.	: 21:49			
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	TC3 TO1 3 D
Caaniian	ND	Dilution Facto	-	MCAWW 200.0	06/13-06/17/06	OCAUQIAD
		Analysis Time.				
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJQ1AE
		Dilution Facto	or: 1			
		Analysis Time.	: 21:49			
Lead	ND	1.0	/T	MOTERIA O O O	00/15 00/15/06	TG3 TG4 7 77
ПСАС	ND	Dilution Facto	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJQIAF
		Analysis Time.				
		iniany bib lime.	21.17			
Manganese	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJQ1AG
		Dilution Facto	or: 1			
		Analysis Time.	.: 21:49			
Selenium	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	TON TO 1 N I I
DOTOITE CHI	ND	Dilution Facto	- :	MCAWW 200.6	00/13-00/17/00	UCAUQIAH
		Analysis Time.				
		•				
MD Lot. Comple	# - DCIII 40000	226 - 19		5006006		
MB Lot-Sample : Arsenic	#: D6H140000- ND	5.0			00/15 00/15/00	TO 3 TY 2 3 C
ALBEILLC	MD	Dilution Facto	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJXIAC
		Analysis Time.				
		imory bro rame.	15.22			
Barium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJX1AV
		Dilution Facto	or: 1			
		Analysis Time.	.: 19:22			
Cadmium	NIO	1 0	/ -			
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJX1AD
		Dilution Factor Analysis Time.				
		indrysts time.	19.22			

(Continued on next page)

TOTAL Metals

Matrix..... WATER

Client Lo	た #:	D6H110363	
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PARAMETER	RESULT	REPORTII LIMIT	IG UNITS	METHOD	PREPARATION-	WORK
Chromium	ND	3.0	ug/L	MCAWW 200.8	ANALYSIS DATE	ORDER #
CIII OMII am	ND	Dilution Fac	_	MCAWW 200.8	08/15-08/17/06	UCAUXIAE
		Analysis Tim				
		Midiyara iin	ie 19:22			
Lead	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJX1AH
		Dilution Fac	tor: 1			
		Analysis Tim	ne: 19:22			
Manganese	ND	1.0	ug/L	MCAWW 200.8	08/15-08/17/06	JCAJX1AG
•		Dilution Fac	- '		00, 20 00, 2., 00	
		Analysis Tim	ne: 19:22			
Selenium	ND	5.0	ug/L	MCAWW 200.8	08/15-08/17/06	ፕሬክ ፕሮብ አ ፕ
DCICIII dili	ND	Dilution Fac		MCAWW 200.6	08/15-08/17/06	UCAUXIAU
		Analysis Tim				
		111011,010 111	19.22			
MB Lot-Sample	e #: D6H14000	0-354 Prep H	Batch #:	: 6226354		
Calcium	ND	200	ug/L	MCAWW 200.7	08/15-08/21/06	JCAKM1AA
		Dilution Fac	tor: 1			
		Analysis Tim	ne: 11:02			
Iron	ND	100	ug/L	MCAWW 200.7	08/15-08/21/06	JCAKM1AC
		Dilution Fac	-		,,	
		Analysis Tim	e: 11:02			
Magnesium	ND	200	ug/L	MCAWW 200.7	08/15-08/18/06	エペス どが 1 メ ご
	212	Dilution Fac	-	MCAWW 200.7	00/15-00/10/00	OCAMILAD
		Analysis Tim				
		121027020 121	20.01			
Potassium	ND	3000	ug/L	MCAWW 200.7	08/15-08/18/06	JCAKM1AE
		Dilution Fac	tor: 1			
		Analysis Tim	e: 18:31			
Sodium	ND	5000	ug/L	MCAWW 200.7	08/15-08/18/06	JCAKM1AF
		Dilution Fac	_		, , , , , , , , , , , , , , , , , , , ,	
		Analysis Tim	e: 18:31			
MR Lot-Cample	a #• Deu14000	O-2EE Prov I	otah #	6006255		
MB Lot-Sample Calcium	ND #: D6H14000	200 200	ug/L	MCAWW 200.7	08/15-08/16/06	.ፐሮ፮ ሄቱ 1 አ ሬ
		Dilution Fac	=	PICEMIN ZUU./	00/12-00/10/00	OCHIVITAD
		DILUCION FAC	COL. I			

Analysis Time..: 19:31

(Continued on next page)

TOTAL Metals

Client Lot #...: D6H110363

Matrix..... WATER

PARAMETER Iron	RESULT ND		_	METHOD MCAWW 200.7	PREPARATION- ANALYSIS DATE 08/15-08/16/06	WORK ORDER # JCAKR1A2
Magnesium	ND	200 ug Dilution Factor: Analysis Time:		MCAWW 200.7	08/15-08/16/06	JCAKR1A3
Potassium	ND	3000 ug Dilution Factor: Analysis Time:		MCAWW 200.7	08/15-08/16/06	JCAKR1A4
Sodium	ND	5000 ug Dilution Factor: Analysis Time:		MCAWW 200.7	08/15-08/17/06	JCAKR1A5
NOTE(S):						

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #:	D6H110363			Matrix	: WATER
PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: Arsenic		(89 - 111)	tch #: 6226335 MCAWW 200.8 or: 1 Analysis		JCAJQ1AJ
Barium	109		MCAWW 200.8 or: 1 Analysis		JCAJQ1AK
Cadmium	91		MCAWW 200.8 or: 1 Analysis		JCAJQ1AL
Chromium	89		MCAWW 200.8 or: 1 Analysis		JCAJQ1AM
Lead	92		MCAWW 200.8 or: 1 Analysis		JCAJQ1AN
Manganese	91		MCAWW 200.8 or: 1 Analysis		JCAJQ1AP
Selenium	91		MCAWW 200.8 or: 1 Analysis		JCAJQ1AQ
I.CS I.ot-Sample#.	D6H140000-	336 Prop Pa	tch #: 6226336		
Arsenic		(89 - 111)	MCAWW 200.8 or: 1 Analysis	08/15-08/17/06	JCAJX1AL
Barium	94		MCAWW 200.8 or: 1 Analysis		JCAJX1AW
Cadmium	102		MCAWW 200.8 or: 1 Analysis		JCAJX1AM
Chromium	97	(86 - 124) Dilution Facto	MCAWW 200.8 or: 1 Analysis		JCAJX1AN
Lead	99	(88 - 119) Dilution Facto	MCAWW 200.8 or: 1 Analysis	08/15-08/17/06 Time: 19:25	JCAJX1AR
Manganese	100	(87 - 124) Dilution Facto	MCAWW 200.8 or: 1 Analysis	08/15-08/17/06 Time: 19:25	JCAJX1AQ

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #:	D6H110363		Matrix: WATER
PARAMETER Selenium		RECOVERY LIMITS METHOD (82 - 114) MCAWW 200.8 Dilution Factor: 1 Analysis	08/15-08/17/06 JCAJX1AT
LCS Lot-Sample#: Calcium		354 Prep Batch #: 6226354 (90 - 111) MCAWW 200.7 Dilution Factor: 1 Analysis	08/15-08/21/06 JCAKM1AG
Iron	100	(89 - 116) MCAWW 200.7 Dilution Factor: 1 Analysis	· · · · · · · · · · · · · · · · · · ·
Magnesium	100	(92 - 113) MCAWW 200.7 Dilution Factor: 1 Analysis	
Potassium	101	(89 - 114) MCAWW 200.7 Dilution Factor: 1 Analysis	
Sodium	102	(90 - 117) MCAWW 200.7 Dilution Factor: 1 Analysis	
LCS Lot-Sample#: Calcium		355 Prep Batch #: 6226355 (90 - 111) MCAWW 200.7 Dilution Factor: 1 Analysis	08/15-08/16/06 JCAKR1CE
Iron	96	(89 - 116) MCAWW 200.7 Dilution Factor: 1 Analysis	
Magnesium	96	(92 - 113) MCAWW 200.7 Dilution Factor: 1 Analysis	·
Potassium	100	(89 - 114) MCAWW 200.7 Dilution Factor: 1 Analysis	
Sodium	95	(90 - 117) MCAWW 200.7 Dilution Factor: 1 Analysis	
MORE (a)			

NOTE(S):

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #: D6H110363 Matrix: W								
PARAMETER	SPIKE AMOUNT	MEASURE AMOUNT	ED UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #	
LCS Lot-Samo	le#: D6H	1140000-1	335 Prep Bat e	ch #	: 6226335			
Arsenic			_		MCAWW 200.8	08/15-08/21/06	JCAJQ1AJ	
			- ·		Analysis Time: 1			
Barium	40.0	43.8	ug/L		MCAWW 200.8		JCAJQ1AK	
			Dilution Factor	: 1	Analysis Time: 1	.5:08		
Cadmium	40.0	36 4	ug/L	01	MCAWW 200.8	09/15-09/17/06	.TC3.TO1 AT.	
cadiiraii	40.0	30.4	Dilution Factor		Analysis Time: 2		OCHOQIAL	
					121027020 121110111			
Chromium	40.0	35.7	ug/L	89	MCAWW 200.8	08/15-08/17/06	JCAJQ1AM	
			Dilution Factor		Analysis Time: 2	1:53		
Lead	40.0	36.8	ug/L		MCAWW 200.8		JCAJQ1AN	
			Dilution Factor	: 1	Analysis Time: 2	:1:53		
Manganese	40.0	26.2	uq/L	0.1	MCAWW 200.8	00/15-00/17/06	TCN TO 1 N D	
manganese	40.0	30.3	Dilution Factor		Analysis Time: 2		UCAUQIAP	
			Direction ractor		AMALYSIS TIME 2	.1.33		
Selenium	40.0	36.2	ug/L	91	MCAWW 200.8	08/15-08/17/06	JCAJQ1AQ	
			Dilution Factor		Analysis Time: 2			
			336 Prep Bat					
Arsenic	40.0	39.9	-		MCAWW 200.8		JCAJX1AL	
			Dilution Factor	: 1	Analysis Time: 1	.9:25		
Barium	40 0	37 4	ug/L	94	MCAWW 200.8	08/15-08/17/06	TCATX1AW	
	10.0	37.1	Dilution Factor		Analysis Time: I		0 021021171	
			311401011 140001	• =	initial publication is	.5.25		
Cadmium	40.0	40.8	ug/L	102	MCAWW 200.8	08/15-08/17/06	JCAJX1AM	
			Dilution Factor	: 1	Analysis Time: 1	.9:25		
Chromium	40.0	38.9	ug/L	97	MCAWW 200.8		JCAJX1AN	
			Dilution Factor	: 1	Analysis Time: 1	9:25		
Lead	40.0	39.5	17.0° /T	0.0	MCDITUTE 200 0	00/15 00/17/06	TC3 TV1 3 D	
цеац	40.0	39.5	ug/L Dilution Factor	99	MCAWW 200.8	08/15-08/17/06	UCAUXIAR	
			Directon Factor		Analysis Time: 1	.9:43		
Manganese	40.0	40.2	ug/L	100	MCAWW 200.8	08/15-08/17/06	JCAJX1AO	
			Dilution Factor	: 1	Analysis Time: 1		~	

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #	: D6H	110363			1	Matrix:	WATER
PARAMETER Selenium	SPIKE AMOUNT 40.0		UNITS		METHOD MCAWW 200.8		ORDER #
perenrum	40.0	41.3	-		Analysis Time: 1		JCAJXIAT
LCS Lot-Samp	ole#: D6H	[140000-	354 Prep Bat	ch #	: 6226354		
Calcium		51300	ug/L	103	MCAWW 200.7 Analysis Time: 1	08/15-08/21/06 1:07	JCAKM1AG
Iron	1000	1000	ug/L		MCAWW 200.7		JCAKM1AH
			Dilution Factor	:: 1	Analysis Time: 1	1:07	
Magnesium	50000	50200	ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 1		JCAKM1AJ
Potassium	50000	50500	ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 1		JCAKM1AK
Sodium	50000	51100	ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 1		JCAKM1AL
ICC Tot Com	10# - DCI	1140000	355 D D-+	_7_ !!	60060FF		
Calcium		49200	355 Prep Bat ug/L		MCAWW 200.7	00/15 00/16/06	TONKO 1 OF
oaroram	30000	1 7200			Analysis Time: 1		JCARRICE
Iron	1000	955	ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 1		JCAKR1A9
						,	
Magnesium	50000	47800	ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 1		JCAKR1CA
			DITUCTOR FACTOR	.: 1	Analysis Time: 1	9:37	
Potassium	50000	49800	ug/L Dilution Factor		MCAWW 200.7		JCAKR1CC
			Direction Factor	T: 1	Analysis Time: 1	9:37	
Sodium	50000	47700	ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 1		JCAKR1CD
NOTE(S):							

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6H110363 Matrix..... WATER

Date Sampled...: 08/08/06 17:15 Date Received..: 08/11/06

PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Sampl Arsenic	e #: D6H11 102 99	0363-002 Prep Batch # (79 - 120) (79 - 120) 2.9 (0-30) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1A4 08/15-08/17/06 JA7VQ1A5
Barium	97 98	(83 - 118) (83 - 118) 0.30 (0-30) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1A6 08/15-08/17/06 JA7VQ1A7
Cadmium	102 99	(82 - 115) (82 - 115) 2.2 (0-30) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1A8 08/15-08/17/06 JA7VQ1A9
Chromium	98 97	(80 - 124) (80 - 124) 0.57 (0-30) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1CA 08/15-08/17/06 JA7VQ1CC
Lead	99 98	(79 - 119) (79 - 119) 1.4 (0-30) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1CD 08/15-08/17/06 JA7VQ1CE
Manganese	100 100	(57 - 149) (57 - 149) 0.04 (0-35) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1CF 08/15-08/17/06 JA7VQ1CG
Selenium	100 99	(64 - 134) (64 - 134) 0.87 (0-35) Dilution Factor: 1 Analysis Time: 22:03	MCAWW 200.8 MCAWW 200.8	08/15-08/17/06 JA7VQ1CH 08/15-08/17/06 JA7VQ1CJ

NOTE(S):

TOTAL Metals

Client Lot #...: D6H110363 Matrix.....: WATER

Date Sampled...: 08/08/06 17:15 Date Received..: 08/11/06

PARAMETE	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sa Arsenic	ample #:	D6H1103	53-002	Prep Batch :	#: 62	226335	5		
	ND	40.0	41.1	ug/L	102		MCAWW 200.8	08/15-08/17/06	
	ND	40.0	39.9	ug/L	99	2.9	MCAWW 200.8	08/15-08/17/06	JA7VQ1A5
				ion Factor: 1 sis Time: 22	• 03				
			Anary	SIB IIME ZZ	.03				
Barium									
	18	40.0	56.8	ug/L	97		MCAWW 200.8	08/15-08/17/06	
	18	40.0	57.0	ug/L	98	0.30	MCAWW 200.8	08/15-08/17/06	JA7VQ1A7
				ion Factor: 1	. 02				
			Anary	sis Time: 22	: 03				
Cadmium									
	ND	40.0	40.7	ug/L	102		MCAWW 200.8	08/15-08/17/06	
	ND	40.0	39.8	ug/L	99	2.2	MCAWW 200.8	08/15-08/17/06	JA7VQ1A9
				ion Factor: 1	•				
			Analy	sis Time: 22	:03				
Chromium									
	ND	40.0	41.3	ug/L	98		MCAWW 200.8	08/15-08/17/06	JA7VQ1CA
	ND	40.0	41.1	ug/L	97	0.57	MCAWW 200.8	08/15-08/17/06	JA7VQ1CC
				ion Factor: 1					
			Analy	sis Time: 22	:03				
Lead									
	ND	40.0	40.0	ug/L	99		MCAWW 200.8	08/15-08/17/06	JA7VQ1CD
	ND	40.0	39.5	ug/L	98	1.4	MCAWW 200.8	08/15-08/17/06	JA7VQ1CE
				ion Factor: 1					
			Analy	sis Time: 22	:03				
Manganese	е								
	ND	40.0	40.8	ug/L	100		MCAWW 200.8	08/15-08/17/06	JA7VO1CF
	ND	40.0	40.7	ug/L	100	0.04	MCAWW 200.8	08/15-08/17/06	
			Dilut	ion Factor: 1					
			Analy	sis Time: 22	:03				
Selenium									
	5.7	40.0	45.8	ug/L	100		MCAWW 200.8	08/15-08/17/06	JA7VO1CH
	5.7	40.0	45.4	ug/L	99	0.87	MCAWW 200.8	08/15-08/17/06	
			Dilut	ion Factor: 1					
			Analy	sis Time: 22	:03				

NOTE(S):

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6H110363 Matrix.....: WATER

Date Sampled...: 08/09/06 10:20 Date Received..: 08/11/06

PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMIT	S METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Sampl Arsenic	e #: D6H11 106 103	0336-002 Prep Batch # (79 - 120) (79 - 120) 3.0 (0-30 Dilution Factor: 1 Analysis Time: 19	MCAWW 200.8) MCAWW 200.8	08/15-08/17/06 JA7P11AR 08/15-08/17/06 JA7P11AT
Barium	99 95	(83 - 118) (83 - 118) 2.8 (0-30 Dilution Factor: 1 Analysis Time: 19	,	08/15-08/17/06 JA7P11CD 08/15-08/17/06 JA7P11CE
Cadmium	108 99	(82 - 115) (82 - 115) 4.7 (0-30 Dilution Factor: 1 Analysis Time: 19		08/15-08/17/06 JA7P11AU 08/15-08/17/06 JA7P11AV
Chromium	98 97	(80 - 124) (80 - 124) 1.1 (0-30 Dilution Factor: 1 Analysis Time: 19	•	08/15-08/17/06 JA7P11AW 08/15-08/17/06 JA7P11AX
Lead	NC,MSB NC,MSB	(79 - 119) (79 - 119) (0-30 Dilution Factor: 1 Analysis Time: 19	•	08/15-08/17/06 JA7P11A4 08/15-08/17/06 JA7P11A5
Manganese	NC,MSB NC,MSB	(57 - 149) (57 - 149) (0-35 Dilution Factor: 5 Analysis Time: 21	•	08/15-08/17/06 JA7P11A2 08/15-08/17/06 JA7P11A3
Selenium	97 96	(64 - 134) (64 - 134) 0.76 (0-35 Dilution Factor: 1 Analysis Time: 19		08/15-08/17/06 JA7P11A6 08/15-08/17/06 JA7P11A7

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

TOTAL Metals

Client Lot #...: D6H110363 Matrix...... WATER

Date Sampled...: 08/09/06 10:20 Date Received..: 08/11/06

	SAMPLE		MEASRD		PERCNT			PREPARATION-	WORK
PARAMETE	AMOUNT	<u>AMT</u>	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	ORDER #
MS Lot-Sa Arsenic	ample #:	D6H1103	36-002	Prep Batch	#: 62	22633	6		
	ND	40.0	44.2	ug/L	106		MCAWW 200.8	08/15-08/17/06	JA7P11AR
	ND	40.0	42.9	ug/L	103	3.0	MCAWW 200.8	08/15-08/17/06	JA7P11AT
				ion Factor: 1					
			Analy	sis Time: 19	:40				
Barium									
	20	40.0	59.7	ug/L	99		MCAWW 200.8	08/15-08/17/06	JA7P11CD
	20	40.0	58.1	ug/L	95	2.8	MCAWW 200.8	08/15-08/17/06	
			Dilut	ion Factor: 1					
			Analy	sis Time: 19	:40				
Cadmium									
CadiiIuii	33	40.0	75.7	ug/L	108		MCAWW 200.8	08/15-08/17/06	.TA7D11AIT
	33	40.0	72.3	ug/L	99	4.7	MCAWW 200.8	08/15-08/17/06	
			Dilut	ion Factor: 1				00, 20 00, 2,, 00	
			Analy	sis Time: 19	:40				
Chromium									
	ND	40.0	40.4	ug/L	98		MCAWW 200.8	08/15-08/17/06	JA7P11AW
	ND	40.0	40.0	ug/L	97	1.1	MCAWW 200.8	08/15-08/17/06	JA7P11AX
				ion Factor: 1					
			Analy	rsis Time: 19	:40				
Lead									
	200	40.0	246	ug/L			MCAWW 200.8	08/15-08/17/06	JA7P11A4
			Qual	ifiers: NC,	MSB				
	200	40.0	233	ug/L			MCAWW 200.8	08/15-08/17/06	JA7P11A5
				ifiers: NC,	ISB				
				ion Factor: 1					
			Analy	sis Time: 19	:40				
Manganese	•								
	4600	40.0	4810	ug/L			MCAWW 200.8	08/15-08/17/06	JA7P11A2
				ifiers: NC,	ISB				
	4600	40.0	4580	ug/L			MCAWW 200.8	08/15-08/17/06	JA7P11A3
				ifiers: NC,	ISB				
				ion Factor: 5	20				
			Analy	sis Time: 21	:20				

(Continued on next page)

TOTAL Metals

Client Lot #...: D6H110363 Matrix.....: WATER

Date Sampled...: 08/09/06 10:20 Date Received..: 08/11/06

PARAMETER Selenium	SAMPLE AMOUNT		MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOL)	PREPARATION- ANALYSIS DATE	WORK ORDER #
	ND	40.0	40.0	ug/L	97		MCAWW	200.8	08/15-08/17/06	JA7P11A6
	ND	40.0	39.7	ug/L	96	0.76	MCAWW	200.8	08/15-08/17/06	JA7P11A7
Dilution Factor: 1										
			Analy	sis Time: 19	:40					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot # Date Sampled		Matrix:	: WATER		
PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sampl	.e #: D6H11	.0363-001 Prep Batch #	.: 6226354		
Calcium	128 N	(90 - 111)	MCAWW 200.7	08/15-08/21/06	JA7VL1A4
	112 N	(90 - 111) 5.7 (0-20)	MCAWW 200.7	08/15-08/21/06	JA7VL1A5
		Dilution Factor: 1			
		Analysis Time: 11:22			
_		4.5.		, , ,	_
Iron	109	(89 - 116)	MCAWW 200.7	08/15-08/21/06	
	99	(89 - 116) 9.0 (0-20)	MCAWW 200.7	08/15-08/21/06	JA7VL1A7
		Dilution Factor: 1			
		Analysis Time: 11:22			
Magnesium	100	(92 - 113)	MCAWW 200.7	08/15-08/18/06	JA7VL1A8
J	98	(92 - 113) 1.2 (0-20)	MCAWW 200.7	08/15-08/18/06	
		Dilution Factor: 1		, , , ,	
		Analysis Time: 18:49			
Potassium	103	(89 - 114)	MCAWW 200.7	08/15-08/18/06	
	101	(89 - 114) 2.3 (0-20)	MCAWW 200.7	08/15-08/18/06	JA7VL1CC
		Dilution Factor: 1			
		Analysis Time: 18:49			
Sodium	102	(90 - 117)	MCAWW 200.7	08/15-08/18/06	JA7VL1CD
	101	(90 - 117) 0.48 (0-20)	MCAWW 200.7	08/15-08/18/06	
		Dilution Factor: 1		2 2 7 = 2 2 2 7 2 2	
		Analysis Time: 18:49			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

TOTAL Metals

	ot #:							Matri	.x WAT	ER
Date San	pled:	08/08/0	6 10:00	Date Receiv	ed: 0	8/11/	06			
	SAMPLE	SPIKE	MEASRD		PERCNT				PREPARATION-	WORK
PARAMETE	R AMOUNT	AMT	TRUOMA	UNITS	RECVRY	RPD	METHO)	ANALYSIS DATE	ORDER #
	Sample #:	D6H1103	63-001	Prep Batch	#: 6	22635	4			
Calcium										
	80000	50000	144000	-	128		MCAWW	200.7	08/15-08/21/06	JA7VL1A4
				ifiers: N						
	80000	50000	136000	•	112	5.7	MCAWW	200.7	08/15-08/21/06	JA7VL1A5
				ifiers: N						
				tion Factor: 1						
			Anal	ysis Time: 1	1:22					
_										
Iron				,						
	100	1000	1190	ug/L	109			200.7	08/15-08/21/06	
	100	1000	1080	ug/L	99	9.0	MCAWW	200.7	08/15-08/21/06	JA7VL1A7
				tion Factor: 1						
			Anal	ysis Time: 1	L:22					
N/a										
Magnesiu			0.1.5.0	/-						
	32000	50000	81500	ug/L	100			200.7	08/15-08/18/06	
	32000	50000	80600	ug/L	98	1.2	MCAWW	200.7	08/15-08/18/06	JA7VL1A9
				tion Factor: 1						
			Anal	ysis Time: 18	3:49					
Potassiu	ım									
TOCABBIC	ND	50000	53500	ug/L	103		MC 2 Tattat	200.7	08/15-08/18/06	T2 7777 1 7 2
	ND	50000	52300	ug/L ug/L	103	2.3		200.7	08/15-08/18/06	
	112	50000		tion Factor: 1	101	4.3	MCHWW	200.7	00/13-00/10/00	JA / VLICC
				ysis Time: 1	2.40					
			mia1	Asts time: T	0.47					
Sodium						-				
	120000	50000	176000	ug/L	102		MCDIATA	200.7	08/15-08/18/06	. ገን ግንፖ. 1 ርጥ
	120000	50000	175000	ug/L	102	0 49	MCAWW		08/15-08/18/06	
		-0000	, 5000	~9/ -	TOT	0.40	1-10521414	200.7	00/13-00/10/00	OWIATION

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Dilution Factor: 1
Analysis Time..: 18:49

 $^{\,}N\,\,$ Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot # Date Sampled		Matrix	: WATER		
PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sampl	e #: D6H11	0387-001 Prep Batch #	.: 6226355		
Calcium	105 102	(90 - 111) (90 - 111) 2.1 (0-20) Dilution Factor: 1 Analysis Time: 22:02	MCAWW 200.7 MCAWW 200.7	08/15-08/16/06 08/15-08/16/06	
Iron	99 97	(89 - 116) (89 - 116) 1.8 (0-20) Dilution Factor: 1 Analysis Time: 22:02		08/15-08/16/06 08/15-08/16/06	
Magnesium	100 98	(92 - 113) (92 - 113) 2.0 (0-20) Dilution Factor: 1 Analysis Time: 22:02		08/15-08/16/06 08/15-08/16/06	
Potassium	126 N 125 N	(89 - 114) (89 - 114) 0.57 (0-20) Dilution Factor: 1 Analysis Time: 22:02	MCAWW 200.7 MCAWW 200.7	08/15-08/16/06 08/15-08/16/06	
Sodium	NC,MSB NC,MSB	(90 - 117) (90 - 117) (0-20) Dilution Factor: 1 Analysis Time: 22:02	MCAWW 200.7 MCAWW 200.7	08/15-08/16/06 08/15-08/16/06	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

TOTAL Metals

Client Lot #...: D6H110363 Matrix.....: WATER

Date Sampled...: 08/11/06 10:00 Date Received..: 08/11/06

_						, ,				
	SAMPLE	SPIKE	MEASRD		PERCNT				PREPARATION-	WORK
PARAMETER	TUUOMA	AMT	TRUOMA	UNITS	RECVRY	RPD	METHOI)	ANALYSIS DATE	ORDER #
	- "						_			
MS Lot-Sa Calcium	_			Prep Batch (#: 63	22635!	5			
	9100	50000	61600	ug/L	105		MCAWW		08/15-08/16/06	
:	9100	50000	60300	ug/L	102	2.1	MCAWW	200.7	08/15-08/16/06	JA71X1C1
				ion Factor: 1						
			Analy	sis Time: 22	:02					
Iron										
	160	1000	1150	ug/L	99		MCAWW	200.7	08/15-08/16/06	JA71X1CK
	160	1000	1130	ug/L	97	1.8	MCAWW	200.7	08/15-08/16/06	JA71X1CL
			Dilut	ion Factor: 1						
			Analy	rsis Time: 22	:02					
Magnesium										
	1100	50000	51300	ug/L	100		MCAWW	200.7	08/15-08/16/06	JA71X1CN
	1100	50000	50300	ug/L	98	2.0	MCAWW	200.7	08/15-08/16/06	JA71X1CP
			Dilut	ion Factor: 1						
			Analy	sis Time: 22	:02					
Potassium										
	12000	50000	74700 N	ug/L	126		MCAWW	200.7	08/15-08/16/06	JA71X1CR
	12000	50000	74300 N	•	125	0.57	MCAWW		08/15-08/16/06	
				ion Factor: 1					, , ,	
			Analy	sis Time: 22	:02					
Sodium										
,	730000	50000	790000	-			MCAWW	200.7	08/15-08/16/06	JA71X1CV
	50000			ifiers: NC,	MSB					
,	730000	50000	780000	-			MCAWW	200.7	08/15-08/16/06	JA71X1CW
				ifiers: NC,	MSB					
				ion Factor: 1	00					
			Analy	sis Time: 22	:02					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

METHOD BLANK REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H110363

REPORTING PREPARATION-PREP PARAMETER UNITS BATCH # RESULT LIMIT METHOD ANALYSIS DATE Bicarbonate, as CaCO3 Work Order #: JCTJR1AA MB Lot-Sample #: D6H210000-129 5.0 mq/L MCAWW 310.1 08/18/06 6233129 Dilution Factor: 1 Analysis Time..: 08:30 Bicarbonate, as CaCO3 Work Order #: JCTJ71AA MB Lot-Sample #: D6H210000-130 MD 5.0 mq/L MCAWW 310.1 08/18/06 6233130 Dilution Factor: 1 Analysis Time..: 08:30 Bromide Work Order #: JCJRX1AA MB Lot-Sample #: D6H150000-302 ND 0.20 mg/L MCAWW 300.0A 08/11/06 6227302 Dilution Factor: 1 Analysis Time..: 22:50 Bromide Work Order #: JCJR01AA MB Lot-Sample #: D6H150000-309 ND ma/L MCAWW 300.0A 08/11-08/12/06 6227309 Dilution Factor: 1 Analysis Time..: 12:28 Work Order #: JCTJ91AA MB Lot-Sample #: D6H210000-131 Carbonate, as CaCO3 ND MCAWW 310.1 08/18/06 mq/L 6233131 Dilution Factor: 1 Analysis Time..: 08:30 Carbonate, as CaCO3 Work Order #: JCVGC1AA MB Lot-Sample #: D6H210000-132 ND 5.0 mg/L MCAWW 310.1 08/18/06 6233132 Dilution Factor: 1 Analysis Time..: 08:30 Chloride Work Order #: JCJRH1AA MB Lot-Sample #: D6H150000-297 ND 3.0 MCAWW 300.0A mq/L 08/11-08/12/06 6227297 Dilution Factor: 1 Analysis Time..: 22:50 Chloride Work Order #: JCJRM1AA MB Lot-Sample #: D6H150000-304 ND 3.0 mg/L MCAWW 300.0A 08/11-08/12/06 6227304 Dilution Factor: 1 Analysis Time..: 12:28 Chloride Work Order #: JCEN91AA MB Lot-Sample #: D6H160000-062 ND 3.0 mg/L MCAWW 300.0A 08/15/06 6228062 Dilution Factor: 1 Analysis Time..: 14:46

METHOD BLANK REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H110363

PARAMETER	RESULT	REPORTING LIMIT UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Fluoride	ND	Work Order #: JCJQ61. 0.50 mg/L Dilution Factor: 1 Analysis Time: 22:50	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-298 08/11/06	6227298
Fluoride	ND	Work Order #: JCJQ91. 0.50 mg/L Dilution Factor: 1 Analysis Time: 13:07	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-305 08/11/06	6227305
Nitrate	ND	Work Order #: JCJR11. 0.50 mg/L Dilution Factor: 1 Analysis Time: 22:50	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-299 08/11/06	6227299
Nitrate	ND	Work Order #: JCJR51. 0.50 mg/L Dilution Factor: 1 Analysis Time: 12:28	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-306 08/11-08/12/06	6227306
Nitrite	ND	Work Order #: JCJRQ1. 0.50 mg/L Dilution Factor: 1 Analysis Time: 22:50	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-300 08/11/06	6227300
Nitrite	ND	Work Order #: JCJRT1. 0.50 mg/L Dilution Factor: 1 Analysis Time: 12:28	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-307 08/11-08/12/06	6227307
Sulfate	ND	Work Order #: JCJTD1. 5.0 mg/L Dilution Factor: 1 Analysis Time: 22:50	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-301 08/11-08/12/06	6227301
Sulfate	ND	Work Order #: JCJTG1. 5.0 mg/L Dilution Factor: 1 Analysis Time: 12:28	AA MB Lot-Sample #: MCAWW 300.0A	D6H150000-308 08/11-08/12/06	6227308
Total Dissolved Solids	ND	Work Order #: JCE881. 10 mg/L Dilution Factor: 1 Analysis Time: 11:00	AA MB Lot-Sample #:	D6H140000-395	6226395

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6H110363

Matrix....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order	#: JCE9J1AA	MB Lot-Sample #:	D6H140000-396	
	ND	10 Dilution Fact Analysis Time		MCAWW 160.1	08/14/06	6226396
NOTE(S):						

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6H110363 Matrix.....: WATER

PARAMETER PH	PERCENT RECOVERY 100 100	RECOVERY RPD PREPARATION- PREP LIMITS RPD LIMITS METHOD ANALYSIS DATE BATCH # WO#:JCFM01AA-LCS/JCFM01AC-LCSD LCS Lot-Sample#: D6H110000-570 (97 - 102) MCAWW 150.1 08/11/06 6223570 (97 - 102) 0.14 (0-5.0) MCAWW 150.1 08/11/06 6223570 Dilution Factor: 1 Analysis Time: 17:39
рн	101 101	WO#:JCFPP1AA-LCS/JCFPP1AC-LCSD LCS Lot-Sample#: D6H110000-573 (97 - 102)
Bromide	95 96	WO#:JCJRX1AC-LCS/JCJRX1AD-LCSD LCS Lot-Sample#: D6H150000-302 (90 - 110)
Bromide	100	WO#:JCJR01AC-LCS/JCJR01AD-LCSD LCS Lot-Sample#: D6H150000-309 (90 - 110)
Chloride	102 101	WO#:JCEN91AC-LCS/JCEN91AD-LCSD LCS Lot-Sample#: D6H160000-062 (90 - 110)
Chloride	90 92	WO#:JCJRH1AC-LCS/JCJRH1AD-LCSD LCS Lot-Sample#: D6H150000-297 (90 - 110)
Chloride	96 96	WO#:JCJRM1AC-LCS/JCJRM1AD-LCSD LCS Lot-Sample#: D6H150000-304 (90 - 110)
Fluoride	93 94	WO#:JCJQ61AC-LCS/JCJQ61AD-LCSD LCS Lot-Sample#: D6H150000-298 (90 - 110)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6H110363 Matrix....: WATER

	PERCENT	RECOVERY RPI			PREP
PARAMETER	RECOVERY	LIMITS RPD LI			BATCH #
Fluoride			S/JCJQ91AD-LCSD LCS I		
	96		MCAWW 300.0A	· ·	
	96		-10) MCAWW 300.0A	• •	6227305
		Dilution Factor:	1 Analysis Time:	12:33	
Nitrate		WO#:JCJR11AC-LC	s/jcjr11ad-lcsd lcs i	ot-Sample#: D6H15	0000-299
	90	(90 - 110)		08/11/06	
	91	(90 - 110) 0.82 (0	-10) MCAWW 300.0A	08/11/06	6227299
		Dilution Factor:	1 Analysis Time:	22:16	
Nitrate		WO#:JCJR51AC-LC	S/JCJR51AD-LCSD LCS I	ot-Sample#: D6H150	0000-306
	94			08/11-08/12/06	
	94		-10) MCAWW 300.0A	08/11-08/12/06	6227306
			1 Analysis Time:		
Nitrite		WO# : TCTRO1AC-I.C	S/JCJRQ1AD-LCSD LCS I	ot-Sample#: D6H15	0000-300
	94	(90 - 110)	MCAWW 300.0A	08/11/06 6	6227300
	94	(90 - 110) 0.79 (0	MCAWW 300.0A -10) MCAWW 300.0A	08/11/06	6227300
		Dilution Factor:	1 Analysis Time:	22:16	
			_		
Nitrite			s/JCJRT1AD-LCSD LCS I		
	94		MCAWW 300.0A		
	94		-10) MCAWW 300.0A		6227307
		Dilution Factor:	1 Analysis Time:	12:45	
Sulfate		WO#:JCJTD1AC-LC	S/JCJTD1AD-LCSD LCS I	ot-Sample#: D6H150	0000-301
	90		MCAWW 300.0A		
	91	(90 - 110) 0.55 (0	-10) MCAWW 300.0A	08/11-08/12/06	6227301
		Dilution Factor:	1 Analysis Time:	22:16	
Sulfate		WO#:JCJTG1AC-LC	S/JCJTG1AD-LCSD LCS I	ot-Sample#: D6H15	0000-308
	95	(90 - 110)		08/11-08/12/06	
	95	(90 - 110) 0.0 (0-	-10) MCAWW 300.0A		
			1 Analysis Time:		
Total Dissol	ved	WO#:JCE881AC-LC	S/JCE881AD-LCSD LCS I	ot-Sample#: D6H140	0000-395
	100	(86 - 106)	MCAWW 160.1	08/14/06	6226395
	99	(86 - 106) 1.4 (0			6226395
		Dilution Factor:			,

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6H110363 Matrix....: WATER

	PERCENT	RECOVERY	RPD		PREPARATION-	PREP "
PARAMETER	RECOVERY	LIMITS RPD	<u>LIMITS</u>	METHOD	ANALYSIS DATE	BATCH #
Total Dissol	ved	WO#:JCE9J1A	C-LCS/JCE	9J1AD-LCSD LCS Lo	ot-Sample#: D6H1	40000-396
Solids						
	100	(86 - 106)		MCAWW 160.1	08/14/06	6226396
	100	(86 - 106) 0.80	(0-20)	MCAWW 160.1	08/14/06	6226396
		Dilution Fac	tor: 1	Analysis Time:	11:30	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6H110363 Matrix.....: WATER

	SPIKE	MEASURED	PERCNT	PREPARATION- PREP
PARAMETER	AMOUNT	AMOUNT UNITS	RECVRY RPD METHOD	ANALYSIS DATE BATCH #
рн		WO#:JCFM01A	A-LCS/JCFM01AC-LCSD LCS Lot-Sa	ample#: D6H110000-570
	7.00	7.02 No Unit	5 100 MCAWW 150.1	08/11/06 6223570
	7.00	7.03 No Unit	5 100 0.14 MCAWW 150.1	08/11/06 6223570
		Dilution Fa	ctor: 1 Analysis Time: 17:39	
рH			A-LCS/JCFPP1AC-LCSD LCS Lot-Sa	-
	7.00	7.05 No Unit		08/11/06 6223573
	7.00	7.05 No Unit	5 101 0.0 MCAWW 150.1	08/11/06 6223573
		Dilution Fa	ctor: 1 Analysis Time: 19:46	
Bromide		WO# - TO TOY 1 %	TIGG/TGTDV1AD IGGD IGG Io+ G	
Promitae	4.00	3.80 mg/L	C-LCS/JCJRX1AD-LCSD LCS Lot-Sa 95 MCAWW 300.0A	
	4.00	3.84 mg/L		08/11/06 6227302 08/11-08/12/06 6227302
	4.00	Dilution Fa		
		DITUCION FA	ctor: 1 Analysis Time: 22:16	
Bromide		WO#:JCJR01A	C-LCS/JCJR01AD-LCSD LCS Lot-Sa	ample#: D6H150000-309
	4.00	3.99 mg/L	100 MCAWW 300.0A	-
	4.00	3.99 mg/L	100 0.0 MCAWW 300.0A	08/11-08/12/06 6227309
		Dilution Fa	ctor: 1 Analysis Time: 12:45	
Chloride			C-LCS/JCEN91AD-LCSD LCS Lot-Sa	-
	25.0	25.4 mg/L	102 MCAWW 300.0A	08/15/06 6228062
	25.0	25.3 mg/L	101 0.39 MCAWW 300.0A	08/15/06 6228062
		Dilution Fa	ctor: 1 Analysis Time: 14:14	
Chloride		WO#: TCTRH1A	C-LCS/JCJRH1AD-LCSD LCS Lot-Sa	ample#• D6H150000-297
	20.0	18.1 mg/L	90 MCAWW 300.0A	08/11-08/12/06 6227297
	20.0	18.4 mg/L	92 1.6 MCAWW 300.0A	08/11-08/12/06 6227297
		Dilution Fa		
Chloride			C-LCS/JCJRM1AD~LCSD LCS Lot-Sa	ample#: D6H150000-304
	20.0	19.2 mg/L	96 MCAWW 300.0A	08/11-08/12/06 6227304
	20.0	19.2 mg/L	96 0.0 MCAWW 300.0A	08/11-08/12/06 6227304
		Dilution Fa	ctor: 1 Analysis Time: 12:45	
Fluoride		MO# - TOTOC17	7 T CC / TCTOC13D T CCD T CC T -+ C	
TIUOLIUE	4.00	WO#:JCJQ61A 3.71 mg/L	C-LCS/JCJQ61AD-LCSD LCS Lot-Sa 93 MCAWW 300.0A	-
	4.00	3.71 mg/L 3.76 mg/L		· ·
	±. 00		94 1.3 MCAWW 300.0A	08/11/06 6227298
		Dilution Fa	ctor: 1 Analysis Time: 22:16	

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6H110363 Matrix.....: WATER

	SPIKE	MEASUI	RED	PERCNT				PREPARATI	ON-	PREP
PARAMETER	AMOUNT	AMOUN'	r units	RECVRY	RPD	METHOI	D	ANALYSIS		
Fluoride		7	WO#:JCJQ91AC	-LCS/JC	 JQ91AI	D-LCSD	LCS Lot-Sa	mple#: D6H	15000	
	4.00	3.85	mg/L	96		MCAWW	300.0A	08/11/	06	6227305
	4.00	3.86	mg/L	96	0.25	MCAWW	300.0A	08/11/	06	6227305
			Dilution Fact	or: 1	2	nalysis	Time: 12:33			
Nitrate		Ţ	WO#:JCJR11AC	-LCS/JC	JR11AI	D-LCSD	LCS Lot-Sa	mple#: D6H	15000	0-299
	4.00	3.61	mg/L	90		MCAWW	300.0A	08/11/		6227299
	4.00	3.64	mg/L	91	0.82	MCAWW	300.0A	08/11/	06	6227299
			Dilution Fact	cor: 1	P	malysis	Time: 22:16			
Nitrate					JR51AI		LCS Lot-Sa			
	4.00	3.78	mg/L	94			300.0A	•		
	4.00	3.78	mg/L	94			300.0A	08/11-08/	12/06	6227306
			Dilution Fact	tor: 1	P	malysis	Time: 12:45			
3711 II		_		/				-		
Nitrite					JRQ1AI		LCS Lot-Sa			
	4.00	3.75	mg/L	94			300.0A	08/11/		6227300
	4.00	3.78	mg/L	94			300.0A	08/11/	06	6227300
			Dilution Fact	cor: 1	P	malysis	Time: 22:16			
Nitrite		ī	WO# • JCJTRT1 AC	-T.CS /.TC	ו∆ וייקד.)-T.CSD	LCS Lot-Sa	mnle#· D6H	115000	1-307
	4.00	3.78	mg/L	94	0 1 1 1 1 1		300.0A	08/11-08/		
	4.00	3.78	mg/L	94	0.0		300.0A	08/11-08/	•	
			Dilution Fact	tor: 1			Time: 12:45	,,	,	
Sulfate		7	WO#:JCJTD1AC	-LCS/JC	JTD1AI	D-LCSD	LCS Lot-Sa	mple#: D6H	15000	0-301
	20.0	18.1	mg/L	90		MCAWW	300.0A	08/11-08/	12/06	6227301
	20.0	18.2	mg/L	91	0.55	MCAWW	300.0A	08/11-08/	12/06	6227301
			Dilution Fact	tor: 1	P	malysis	Time: 22:16			
Sulfate		7		-LCS/JC	JTG1AI	D-LCSD	LCS Lot-Sa			
	20.0	19.0	mg/L	95		MCAWW	300.0A	08/11-08/		
	20.0	19.0	mg/L	95	0.0	MCAWW	300.0A	08/11-08/	12/06	6227308
			Dilution Fact	tor: 1	Z.	malysis	Time: 12:45			
Total Dissol Solids	ved	Ţ	WO#:JCE881AC	-LCS/JC	E881AI	D-LCSD	LCS Lot-Sa	mple#: D6H	[14000	0-395
	500	500	mg/L	100		MCAWW	160.1	08/14/	06	6226395
	500	493	mg/L	99	1.4	MCAWW		08/14/		6226395
			Dilution Fact				Time: 11:00	00/14/		0220000
				· -	-	~~_				

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6H110363 Matrix....: WATER

	SPIKE	MEASURED		PERCNT				PREPARATIO	N- PREP	
PARAMETER	TRUOMA	TRUOMA	UNITS	RECVRY	RPD	METHOI)	ANALYSIS D	ATE BATCH #	ŧ
Total Dissolv	zed	WO# :	JCE9J1AC	-LCS/JC	E9J1A1	O-LCSD	LCS Lot-Sar	mple#: D6H1	40000-396	
Solids										
	500	498	mg/L	100		MCAWW	160.1	08/14/0	6 6226396	5
	500	502	mg/L	100	0.80	MCAWW	160.1	08/14/0	6 6226396	5
		Di	lution Fact	or: 1	Į	malysis	Time: 11:30			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H110363 Matrix..... WATER

Date Sampled...: 08/10/06 12:30 Date Received..: 08/12/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD PREPARATION- PREP RPD LIMITS METHOD ANALYSIS DATE BATCH #
Bromide	98 97	WO#: (80 - 120) (80 - 120) Dilut	JA6AH1AT-MS/JA6AH1AU-MSD MS Lot-Sample #: D6H110168-001
Bromide	85 74 N	WO#: (80 - 120) (80 - 120) Dilut	JA7VL1CP-MS/JA7VL1CQ-MSD MS Lot-Sample #: D6H110363-001 MCAWW 300.0A 08/11/06 6227302 13 (0-20) MCAWW 300.0A 08/11/06 6227302 ion Factor: 1 sis Time: 23:23
Chloride	99 101	(80 - 120) (80 - 120) Dilut	JA2MT1CK-MS/JA2MT1CL-MSD MS Lot-Sample #: D6H100170-003
Chloride	96 I 85	(80 - 120) (80 - 120) Dilut	JA7VL1CK-MS/JA7VL1CL-MSD MS Lot-Sample #: D6H110363-001
Chloride	105 106	(85 - 115) (85 - 115) Dilut	JA83W1CE-MS/JA83W1CF-MSD MS Lot-Sample #: D6H120164-002
Fluoride	95 93	(80 - 120) (80 - 120) Dilut	JA6AH1AQ-MS/JA6AH1AR-MSD MS Lot-Sample #: D6H110168-001
Fluoride	84 76 N	(80 - 120) (80 - 120) Dilut	JA7VL1CH-MS/JA7VL1CJ-MSD MS Lot-Sample #: D6H110363-001

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H110363 Matrix..... WATER

Date Sampled...: 08/10/06 12:30 Date Received..: 08/12/06

	PERCENT	RECOVERY	RPD		PREPARATION- PREP
PARAMETER	RECOVERY	LIMITS	RPD LIMITS	METHOD	ANALYSIS DATE BATCH #
Nitrate		WO#:	JA7VL1CR-MS/	JA7VL1CT-MSD MS	Lot-Sample #: D6H110363-001
	79 N	(80 - 120)		MCAWW 300.0A	08/11/06 6227299
	69 N	(80 - 120)	12 (0-20)	MCAWW 300.0A	08/11/06 6227299
		Dilut	ion Factor: 1		
		Analy	sis Time: 23:2	3	
Nitrite		MO# .	TA 5777 1 CM MCC /	TA TITT 1 CAT AGG AGG	Tot Gome 1 - # DCII110262 001
NICIICE	106	(80 - 120)		MCAWW 300.0A	Lot-Sample #: D6H110363-001
	93	· ·		MCAWW 300.0A	08/11/06 6227300 08/11/06 6227300
	93		ion Factor: 1	MCAWW 300.0A	08/11/06 6227300
			rsis Time: 23:2	.a	
		Anary	515 IIMe: 23:2	.5	
Nitrite		WO#:	JA83W1CH-MS/	JA83W1CJ-MSD MS	Lot-Sample #: D6H120164-002
	113	(85 - 115)		MCAWW 300.0A	08/11-08/12/06 6227205
	85 *	(85 - 115)	28 (0-20)	MCAWW 300.0A	08/11-08/12/06 6227205
		Dilut	ion Factor: 2		
		Analy	sis Time: 13:3	5	
Sulfate					Lot-Sample #: D6H110363-001
	110	(80 - 120)			08/11-08/12/06 6227301
	107			MCAWW 300.0A	08/11-08/12/06 6227301
			ion Factor: 5		
		Analy	sis Time: 09:4	1	
Sulfate		₩0# -	.TZ 8 3 W7 CT - MS /	TARRIMICTI-MED ME	Lot-Sample #: D6H120164-002
	107	(85 - 115)			08/11-08/12/06 6227206
	107	· ·			08/11-08/12/06 6227206
			ion Factor: 20	2.022,,,,,	00,11 00,12,00 022,200
			sis Time: 14:4	1	
				_	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

I Estimated result. Result concentration exceeds the calibration range.

^{*} Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6H110363 Matrix....: WATER

Date Sampled...: 08/10/06 12:30 Date Received..: 08/12/06

	SAMPLE	SPIKE	MEASRD		PERCNT			PREPARATION-	PREP
PARAMETER	TRUOMA	TMA	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	BATCH #
Bromide			WO#:	JA6AH1AT-MS,	JA6AH1A	U-MSI	O MS Lot-Samp	le #: D6H110168	-001
	ND	5.00	5.03	mg/L	98		MCAWW 300.0A	08/11/06	6226496
	ND	5.00	4.95	mg/L	97	1.5	MCAWW 300.0A	08/11/06	6226496
				lon Factor: 1					
			Analys	sis Time: 13:	40				
Bromide			₩0#.	TACKET ACD MC	/ TX 7777 1 C	ים אומי	D MC Lot Comp	1	001
promitde	ND	5.00	4.37	mg/L	85	יפויו-סי	л ма дос-ващо. МСАWW 300.0A	le #: D6H110363 08/11/06	6227302
	ND	5.00	3.83 N	-	74	13	MCAWW 300.0A	08/11/06	6227302
	IND	3.00		lon Factor: 1	/ =	13	MCAWW 300.0A	08/11/00	0227302
				sis Time: 23:	23				
			iniai,	, , , , , , , , , , , , , , , , , , ,	25				
Chloride			WO#:	JA2MT1CK-MS	JA2MT1C	CL-MS	D MS Lot-Samp	le #: D6H100170	-003
	72	50.0	121	mg/L	99		MCAWW 300.0A	08/15/06	6228062
	72	50.0	122	mg/L	101	0.54	MCAWW 300.0A	08/15/06	6228062
			Dilut:	lon Factor: 2					
			Analys	sis Time: 18:	11				
					,				
Chloride						CL-MS	_	le #: D6H110363	
	26	25.0	50.0 I	J,	96		MCAWW 300.0A	08/11/06	6227297
	26	25.0	47.1	mg/L	85	6.1	MCAWW 300.0A	08/11/06	6227297
				ion Factor: 1					
			Analy	sis Time: 23:	23				
Chloride			WO#:	JA83W1CE-MS.	/JA83W10	TF-MSI	D MS TotSamp	le #: D6H120164	-002
	840	500	1360	mg/L	105			08/11-08/12/06	
	840	500	1370	mg/L	106	0.60	MCAWW 300.0A		
			Dilut	ion Factor: 20				, , ,	
			Analy	sis Time: 14:	41				
Fluoride			WO#:		JA6AH1A	AR-MS	D MS Lot-Samp	le #: D6H110168	-001
	ND	5.00	5.19	mg/L	95		MCAWW 300.0A	08/11/06	6226502
	ND	5.00	5.08	mg/L	93	2.2	MCAWW 300.0A	08/11/06	6226502
				ion Factor: 1					
			Analy	sis Time: 13:	40				
12]			T-70 !!	TA 0711 4 611 516	/			7 - 11	0.04
Fluoride	1 0	F 00		•		J-MS	-	le #: D6H110363	
	1.2 1.2	5.00 5.00	5.37 4.96 N	mg/L	84 76	7 ^	MCAWW 300.0A	08/11/06	6227298
	1.4	5.00		mg/L ion Factor: 1	70	7.9	MCAWW 300.0A	08/11/06	6227298
				sis Time: 23:	22				
			миату:	этэ ттшс: 2 3:.	43				

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6H110363 Matrix..... WATER

Date Sampled...: 08/10/06 12:30 Date Received..: 08/12/06

<u>PARAMETER</u> Nitrate	SAMPLE AMOUNT 0.60 0.60		MEASRD AMOUNT WO#: 4.58 N 4.04 N	UNITS JA7VL1CR-MS mg/L mg/L	PERCNT <u>RECVRY</u> /JA7VL1 79 69		METHOD D MS Lot-Samp MCAWW 300.0A MCAWW 300.0A	PREPARATION- ANALYSIS DATE le #: D6H110363 08/11/06 08/11/06	PREP BATCH # -001 6227299 6227299
				ion Factor: 1 sis Time: 23:	23				
Nitrite			WO#:	JA7VL1CM-MS	/JA7VL1	CN-MS	D MS Lot-Samp	ole #: D6H110363	-001
	ND	4.00	4.25	mg/L	106		MCAWW 300.0A	08/11/06	6227300
	ND	4.00		mg/L ion Factor: 1 sis Time: 23:	93 23	13	MCAWW 300.0A	08/11/06	6227300
Nitrite			₩0#:	JA83W1CH-MS	/JA83W1	CJ-MS	D MS Lot-Samp	ole #: D6H120164	-002
	ND	10.0	11.3	mg/L	113		MCAWW 300.0A	08/11-08/12/06	6227205
	ND	10.0		mg/L ion Factor: 2 sis Time: 13:	85 35	28	MCAWW 300.0A	08/11-08/12/06	6227205
Sulfate			WO#:	JA7VL1CU-MS	/JA7VL1	CV-MS	D MS Lot-Samp	ole #: D6H110363	-001
	130	125	264	mg/L	110			08/11-08/12/06	
	130	125		mg/L ion Factor: 5 sis Time: 09:	107 41	1.3	MCAWW 300.0A	08/11-08/12/06	6227301
Sulfate			₩O#:	JA83W1CT-MS	/JA83W1	CU-MS	D MS Lot-Samp	ole #: D6H120164	-002
	470	500	1000	mg/L	107			08/11-08/12/06	
	470	500		mg/L ion Factor: 20 sis Time: 14:	107	0.21		08/11-08/12/06	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

I Estimated result. Result concentration exceeds the calibration range.

^{*} Relative percent difference (RPD) is outside stated control limits.

General Chemistry

Client Lot #...: D6H110363 Work Order #...: JA50X-SMP

Matrix....: WATER

JA50X-DUP

Date Sampled...: 08/10/06 10:15 Date Received..: 08/11/06

		DUPLICATE			RPD		PREPARATION-	PREP
PARAM	RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
pН						SD Lot-Sample #:	D6H110149-001	
	8.2	8.2	No Units	0.0	(0-5.0)	MCAWW 150.1	08/11/06	6223570
		I	ilution Fact	or: 1	Ana	lvsis Time: 17:37		

General Chemistry

Client Lot #...: D6H110363 Work Order #...: JA69V-SMP

JA69V-DUP

Matrix..... WATER

Date Sampled...: 08/10/06 14:30 Date Received..: 08/11/06

		DUPLICATE			RPD		PREPARATION-	PREP
PARAM 1	RESULT	RESULT	UNITS	RPD_	LIMIT	METHOD	ANALYSIS DATE	BATCH #
pН						SD Lot-Sample #:	D6H110277-001	
;	8.3	8.3	No Units	0.12	(0-5.0)	MCAWW 150.1	08/11/06	6223570
		D	ilution Fact	or: 1	Ana	lysis Time: 17:57		

General Chemistry

Client Lot #...: D6H110363 Work Order #...: JA7RP-SMP Matrix.....: WATER

JA7RP-DUP

Date Sampled...: 08/10/06 16:00 Date Received..: 08/11/06

		DUPLICATE			RPD		PREPARATION-	PREP
PARAM	RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
рH						SD Lot-Sample #:	D6H110347-001	
	5.6	5.6	No Units	0.18	(0-5.0)	MCAWW 150.1	08/11/06	6223572
		r	Dilution Fact	or: 1	Ana	lysis Time: 19:50		

General Chemistry

Client Lot #...: D6H110363 Work Order #...: JA7V0-SMP

Matrix.....: WATER

JA7V0-DUP

Date Sampled...: 08/09/06 11:15 Date Received..: 08/11/06

PARAM RESULT Total Dissolved	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD SD Lot-Sample #:	PREPARATION- ANALYSIS DATE D6H110363-005	PREP BATCH #
Solids 910	900	mg/L	1.8		MCAWW 160.1	08/14/06	6226395

General Chemistry

Client Lot #...: D6H110363 Work Order #...: JA7XF-SMP Matrix.....: WATER

JA7XF-DUP

Date Sampled...: 08/09/06 13:16 Date Received..: 08/11/06

PARAM RESULT Total Dissolved	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD SD Lot-Sample #:	PREPARATION- ANALYSIS DATE D6H110363-023	PREP BATCH #
Solids 990	1000	mg/L Dilution Fac	1.1 tor: 1	• • • • • • • • • • • • • • • • • • • •	MCAWW 160.1	08/14/06	6226396

General Chemistry

Client Lot #...: D6H110363 Work Order #...: JA83W-SMP

JA83W-DUP

Matrix....: WATER

Date Sampled...: 08/10/06 12:30 Date Received..: 08/12/06

DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
				SD Lot-Sample #:	D6H120164-002	
800	mg/L	4.5	(0-20)	MCAWW 300.0A	08/11/06	6227204
	Dilution Fac	ctor: 20	Ana	alysis Time: 14:08		
				SD Lot-Sample #:	D6H120164-002	
ND	mg/L	0	(0-20)	MCAWW 300.0A	08/11-08/12/06	6227205
	Dilution Fac	ctor: 2	Ana	alysis Time: 12:11		
				SD Lot-Sample #:	D6H120164-002	
440	mg/L Dilution Fac	5.7 etor: 20	(0-20) Ana		08/11-08/12/06	6227206
	RESULT 800 ND	800 mg/L Dilution Fac ND mg/L Dilution Fac	RESULT UNITS RPD 800 mg/L 4.5 Dilution Factor: 20 ND mg/L 0 Dilution Factor: 2	RESULT UNITS RPD LIMIT 800 mg/L 4.5 (0-20) Dilution Factor: 20 Ana ND mg/L 0 (0-20) Dilution Factor: 2 Ana 440 mg/L 5.7 (0-20)	RESULT UNITS RPD LIMIT METHOD SD Lot-Sample #: 800 mg/L 4.5 (0-20) MCAWW 300.0A Dilution Factor: 20 SD Lot-Sample #: ND mg/L 0 (0-20) MCAWW 300.0A Dilution Factor: 2 SD Lot-Sample #: RESULT UNITS RPD LIMIT METHOD ANALYSIS DATE	

STL-4124 (0901)

Severn Trent Laboratories, Inc. Arvada, CO 80002

S.S. Papadopilos & Associator/COSCC	Dryan Crigsby	Spigst	2		8/11/2026	33651	LO e
	303-93	9-8880	Namber		303-736-6/60	Page	of 2
80303	Site Contact C. P.OU. r.C.	Lab	Mike Phillips	Ana more	Analysis (Attach list if more space is needed)		
ocation (State) O Water /Gus Sc		6h				Special I	Special Instructions/
	Matrix	n i	Containers & Preservatives	1 - 310. - 200 - 150 - 160	-808 -1-	Condition	Conditions of Receipt
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Time Air Aqueous Sed.	Soil Unpres.	H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	EPA EPA EPA EPA	SW RSM EPI		
WhiH-6591W-6/11Bly 18/8/06/1	/o':06 X			XX			
1500ml Bly 8/8/06	10: 06 X		*	>	~		
1 VDA 8/8/06	10:00 X		×		×		
MiH- 6591W-10 \ 3-40m1 UDA 8/8/06/11	10:00 X		-		×		
96	X SILE			X X X			
96	17:15 X		*	*	×.		
1416-5572W-26/3-40m112019 18/8/06 17)7:15 X		×.		*		
3 8/8/06	X 51:E1	5			>		
11LPON 8/8/06	11:50 X			× ×			
Becky - 6591W-6 PBBBA 58:00 Q/8/06/11:50	50 X		×	×	×		
1900 Bely 3-40mil 8/8/66	11:50 X		×		×		
13-40m1 bog 8/8/06	11:50 Y				×		
☐ Poison B [Sámple Disposai ☐ Unknown ☐ Return To Cl	ient	☐ Disposal By Lab [Archive For	(A fee may be asse . Months longer than 1 month	(A fee may be assessed if samples are retained longer than 1 month)	etained .
Turn Around Time Required			QC Requirements (Specify	ify)			
24 Hours 48 Hours 7 Days 14 Days 21 Days	Other			1			!
1. Relinquished By (MMSTILL PLATU)	11/06	Time	1. Received By			South Prilling	Time 16.30
2. Heilinquished By		Time	2. Received By C			Date	Time
3. Relinquished By	Date	Time	3. Received By			Date	Time
Comments							

TRENT STL

STL Denver4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc. /

t. Heinidinen by	L' Paray) 	☐ 24 Hours ☐ 48 Hours ☐ 7 Days 🕅 14 Days ☐ 21 Days ☐ Other_	A Non-Hazard	Identification		Trip Blank	13-40m1 UM	Bellio2-5591w-32 3-40ml von 89/06 11:15	Bellia2-5591W-32/500ml Poly 8/9/06 11:15	Relling-5391 w 32 1 12 Poly 8/9/66 11:15	Marth -65916-513-40-11009 8/2/06 12:20	ENO 1 mol-8,	Murth- 6591W-5/JOOMI BIL 18/7/06 12:20	Martin-6591W-5/12Biy 8/7106 12:26	Sample I.D. No. and Description (Containers for each sample may be combined on one line) Date Time	Contract/Purchase Order/Quote No.	ion (State) (Lety/Gas Samplin	zip code 80303 (S.S. Papadopulos : Associutes 10600 By	
	06		7er	1				~	×	~	~	X	Χ	X	×	Air Aqueous Sed.	Matrix	Carrier/Waybill Number	Site Contact C. Parcy	Telephoae Number (Area Dode)/R 363-939-8880	Project Manager	
Time	Time	Time		Heturn To Client	Disposal											Soil	trix	nber (9		-888	Shas	
3. Received By	2. Received By	1. Received By		OC Beau	<u>;</u>					/				X		Unpres. H2SO4 HNO3	Cont Pres		hab Contact III PS	V/Fak Number Ö	Project Manager Organia Grig Shu	
/ed By	/ed By	red By	(Control (Openny)	OC Beguirements (St					✓				X			HCI NaOH ZnAc/ NaOH	Containers & Preservatives		ullips			
			cony)	Archive For	_						X				X	Eρ	<u>A-30</u>	30.C	m 230	2		
				For	1					×	<u> </u>			×.	X	EPA EPA	- 310 - 200 1-15	3.7		D		
	\	$\setminus $		Months					×		~	×	X	-	\prec	EPA SW-	-160 -802	21	Analysis (Attach list if more space is needed)	Lab Number	Date S/	
		A CONTRACTOR OF THE PARTY OF TH		-			-			~				×		EPF	1-20	+S 0.8	tach list if s needed	3j-	11/66	
				longer tran i month)	nay be ass															6/60		
Date	Date	Pate		(1)	(A fee may be assessed if samples are retained		-										Condi	Spec		Page 4	Chain of Custody Number 336520	
Time		_			are retaine												Conditions of Receipt	Special Instructions/		of	520	
	Time				ď												Receipt	ctions/				

Severn Trent Laboratories, Inc. STL Denver 4955 Yarrow Street Arvada, CO 80002 SEVERN STL

3. Relinquished By	2. Relinquished By	1 Relinquished By PORTON	24 Hours 48 Hours 7 Days X 14 Days 21 Days	Required	🕅 Non-Hazard 🗌 Flammable 📗 Skin Irritant 🔲 Poison B		Hinkle-6592W-4/3-40ml VOVA /8/8/06/1	Hinkle-659aw-4/3-40m1 NOIA 8/8/06 (1500m1 Poly 8/8/66	finkle-6592W-4/sections 12Poly 8/8/06 1	8/7/06	m VOIT /8/71/06	8/7/06	8/7/06	Miller-5592W-34/3-40m1 By 48/7/06	Miller - 5592W-34/3-40m1 Pollon 8/7/06 1	1500m1 Poly 87/06	Miller-5592W-34/1LPoly 8/7/06	Sample I.D. No. and Description (Containers for each sample may be combined on one line) Date		Project Name and Location (State)	Boulder CO 86303	7 Broadway Surte	S.S. Papadopulos , Associates, Inc.	24 (0901)
Date	Date	8 Date	Other		☐ Unknown		09:00	091.00	09:00	09:00	15:15	15:15	15!15	5:15	0 1:1	1.40	11340	11:40	Time		Carrier	City Co	Wegh (Called)	Project	
	-	106	ier	ŀ		Sample	~	*	×	\times	×	×	×	*	~	~	×	×	Air Aqueous	×	Carrier/Waybill Number SSP-1049	C. Pearcy	303-9	Project Manager Brugon	
Time	Time	Time			☐ Return To Client	Sample Disposal													Sed. Soil	Matrix)49	,	er (Area & 1 39 -	Grid	
3. Received By	2. Received By	1. Received By		_	ent 🔲 Disposal By Lab 🔲			×	×	98 2		×	X			×	×		Unpres. H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	Containers & Preservatives		mike Phillips	Telephone-Number (Area Gode)/Fax Number	Gridsby	
					Archive For Mu				×	× ×			×.	XXXX)	×	XX XX	EPA EPA EPA	9-31 1-31 1-20 -151	0.7 0.1 0.1	Analysis more spa		Date S	
		A STATE OF THE STA			Months longer than 1 month)	(A for mouth once	× - -		×		×		×		×	案	×.		SW RSK EPF	1)21 75)0. T	Analysis (Attach list if more space is needed)	1363 - 736 - 6100	111/2006	
Date	Date	Pille &))	and if namelon a														Conditi	Specia		Page	Chain of Custody Number 336505	
Time	Time	Time 18:20			ile i etallileti	to to to to to											-			Conditions of Receipt	₹ Instructions/		g (X)	Number Number	

TRENT STL

Severn Trent Laboratories, Inc. Arvada, CO 80002

3. Relinquished By	2. Relinquished By	1. Relinquished By Carcy	24 Hours 48 Hours 7 Days 14 Days 21 Days	le Required	Skip kritaat Boison B	5 500m1 Poly 8/9/06	Layman-5592W-25/1LPoly 8/9/06	JOA 8/8/06	Walter-6592W-4 3-40m1 UDA 818106 1	Walter-6592W-4 SOOM! Poly 8/8/06 !	Walter-6592W-4/12Poly 68001	Oliver-5592W-26 3-40m1 NOA 8/8/06 /	Oliver-5592W-26/3-40m/VDA 8/8/06 /	Oliver-5592W-216/500m1 Poly 8/8/06 1	11_Poly 8/8/06	Hinkle-6592W-40/3-40ml VDA 8/8/DG 1	Hinkle-6592W-4D/3-40ml vom 8/8/b6 1	Sample I.D. No. and Description (Containers for each sample may be combined on one line) Date	Contract/Purchase Order/Quote No.	Sarfield Water Bas Sumpling	Bowlow CO 86302	1877 Broadway Sinite 703	Si S. Papadopulos : Associates Inc/COSCC	STL-4124 (0901)
Date	Date	 20 1 20 1	☐ Other.	CHANGOWN	l lekanin	10:30	10130	16:30	le :36	16:30	136	M:30	14:30	14:30	14:30	09:00	09100	Time		Carrier	() () () () ()	303 Jelephi	Project	
		106	er	-		×	×	X	×	X	×	×	×	×	×	×	×	Air Aqueous	М	Carrier/Waybill Number	Site Contact C. Pearcy	3- 939-	Project Manager Srigsby	
Time	Time	Time		Letun 10 Cilett	Sample Disposal													Sed. Soil	Matrix	1049 1049		9- 88	Sic	
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d By	d By	M.		ements (Bullah				×							7		HCI NaOH ZnAc/	Containers & Preservatives		i ίρ			
	1	10		Specify]													NaOH			Δ			
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		-			>		×				\times	<u> </u>	- 1		<u>×</u>			EPA	- 150 160	. 1	Analysis (Attach list if more space is needed)	<u>w</u>		
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1711		1.05 /			es are reta														ditions (cial Inst			200, Sport Numi	
Time	Time	96 1639	-		(A fee may be assessed if samples are retained foncer than 1 month)														Conditions of Receipt	Special Instructions/		of C	Chain of Custody Number 336503	

Severn Trent Laboratories, Inc. STL Denver 4955 Yarrow Street Arvada, CO 80002 TRENT STL

STL-4124 (0901) Client SS Productive Associator / Proceeding	Project Manager	Righ		Date	Chain of Custody Number
1877 Broadway Suite 703	TelephokelNumber (Area Odde)/FaxlNumber	er (Area Code)/Fa 39 - 888	dNumber O		(06 Page 3 of _
State Zip Code State Zip Code	Site Contact	M Lab	Mila Phillips	Analysis (Attach list if more space is needed)	⊣ !
Barfield 6 Water 15as Sampling	Carrier/Waybill Number SSP-1049			.11 Sm).7 .1).1 3.1	Special Instructions/
Contract/Purchase Order/Quote No.	W	Matrix	Containers & Preservatives	- 310. - 200 - 150 - 160 - 803	Conditions of Receipt
Sample I.D. No. and Description (Containers for each sample may be combined on one line) Date	Air Aqueous	Sed. Soil Unpres.	H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	EPA EPA EPA EPA SW- RSK EPA	
161 January - 55720 - 25/16 Poli					
40m UDA 8/9/06	10:36 X		×	×	
3-40m1 10017 8/9/06	10:30 X		2	×.	
}		=			
Identification	-]	(A fee may	(A fee may be assessed if samples are retained
Turn Around Time Required	□ Unknown □ He	Heturn To Client	OC Requirements (Specify)	Archive For Months	1 monin)
24 Hours 48 Hours 7 Days 14 Days 21 Days	Other) .	and a many management of the state of the st
1. Relinquished By	Date	Time	1. Received By		Pulling Time
2. Relinquished By	Date	Time	2. Received By		7
3. Relinquished By	Date	Time	3. Received By		Date
Comments	_				

Severn Trent Laboratories, Inc. STL Denver 4955 Yarrow Street Arvada, CO 80002

STL-4124 (0901)						a'
S.S. Papadypulos and Associator/Cosc	Project Manager Bryom	Bryon Grigsby		8/11/2006	Chain of Custody Number 336517	lumber 17
1877 Brondwy Swite 7038	303-9	mber (Area Odde)/Fa 9398880	Number	2 303-736 -0100	Page	of 2
Bouldy (10 80303	Site Contact		Mille Phillips	Analysis (Attach list if more space is needed)		
Project Name and Location (State) Sarfi elek Cu Water/Eas Samplin	Carrier/Waybill Sumber			0,7	Special I	Special Instructions/
Contract/Purchase Order/Quote No. † / $^{\prime}$	W	Matrix	Containers & Preservatives	- 310 - 20 - 15 -160	Condition	Conditions of Receipt
and Description Date	Time Air Aqueous	Sed. Soil Unpres.	H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	EPFA EPA EPA EPA SW RSK EPF		
Bucini-65916-5 /12Poly 8/7/00/10	10:S0 X			X X X		
5/500ml Bly 8/7/06	10:50 X		*	× ×		
3-40m1 voig 8/7/06	10:50 X		★	×		
3-40ml 0019 8/2/06	10:50 1			· ×		
9rmstrong - 5591W-30/16Poly 8/3/06 13	17:00 X			×××		
014 817/06	17:00 X		X	× ×		
8/7/06	X 00:FI		×	×		
10/4/8 1	17:00 X			×		
112 Poly 8/10/16	10:36 X			××		
21/0/06	10:35		X	×		
8/10/06	0:36		X	X		
3-40m1 VOA 8/10/66	10:30	Sample Disposal		×		
	☐ Unknown ☐ Re	ient	Disposal By Lab	Archive For Months longer than 1 month)	(A tee may be assessed it samples are retained longer than 1 month)	retained
Turn Around Time Required 7 Days 14 Days 21 Days	Other		QC Requirements (Specify)	sify)		
	S/11/6/	Time	1. Received By		Date 8.11.06	Time
	Date	Time	2. Received By		Date	Time
3. Relinquished By	Date	Time	3. Received By		Date	Time
Comments				and a state of the		

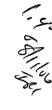
TRENT

STL Denver4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc.

STL-4124 (0901)	Project Manager					hain of Oriotadi Alimbor	
S.S. Rapadopilos and Associates/Co6CC	Bryan Chasby	<u>Gn'asb</u>			8/11/2006	336518	
会1877 Broadway Suite 703	Telephóg Numbe	78-888 78-888	dx Number		78-0/00	Page 2 of 2	
Bouldy 1 State Zip Code 80303	Site Contact Lab (C. Pea ray M)	,	Mike Phillips		list if eded)		
cation (State)	Carrier/Waybill Number	mber Y 9	-	0.0 11 Sm 0.7 0.1	21 75 30.8	Special Instructions/	
Contract/Purchase Order/Quote No. ' (b 9.28(o	M	Matrix	Containers & Preservatives	1-30 -310, 1-20 1-15	4 - Ile - 80 K - I 4 - 20	Conditions of Receipt	-
and Description A be combined on one line)	Time Air	Sed. Soil Unpres.	H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	EPA EPA EPA	EPI SW RS FPI		
moen-6592W-6/11Paly 8/10/06/09:00	9:00 X			×	×		
Moen-6592w-6/500ml By 8/10/06/0	09:00 X		×	×	×		
13-40m1 UM	?: 00 X		×		×		
mpen-6592w-6/3-40m/ UDA 8/10/06 09:00	7:00 X				×		
116814 Sliplou	11.09 X			× ×	2<		
Willer-5591W-4/500mi Bly 8/10/06 11	11:00 X		×	×	×		
Willer-5591W-4/3-40ml WA 8/16/66 11)1:0b X		×		×		
l	χ X				×		
						and the continued of the second	
			^				
Possible Hazard Identification Non-Hazard ☐ Flammable ☐ Skin trritant ☐ Poison B ☐	☐ Unknown ☐ Ret	Sample Disposal Return To Client	☐ Disposal By Lab ☐	Archive For	(A fee may be assess Months longer than 1 month)	(A fee may be assessed if samples are retained longer than 1 month)	
equired 7	Other		QC Requirements (Specify)	(V			
1. Relinquished By (MM3+) L Parcy	15/11/b6	Time	1. Received By			P. 1106 1530	
2. Relinquished By	Date	Time	2. Received By			Date Time	
3. Relinquished By	Date	Time	3. Received By			Date Time	

Custody Record Chain of



Severn Trent Laboratories, Inc. STL Denver 4955 Yarrow Street Arvada, CO 80002

STL-4124 (0901)						
apadopulos : Associetes /cos	Project Manager	~ Grias)	JV	8 /11/66	Chain of Custody Number 336515	15
lway Suite 703	Telephonè Alumber (Area Code)/Fax Number	39 - 88	x Number ₹ O	1303-736 -	0 U Page	of
Zip Code 80302	Site Contact C. Fearly		Mille Phillips		-	
Water/Gus Sumpling	Carrier/Waybill Number	umber US		111 81	Special I	Special Instructions/
Contract/Purchase Order/Quote No.	M	Matrix	Containers & Preservatives	A-310 -310 -310 -310 -151 -151 -3151 -3151 -3151	Condition	Conditions of Receipt
and Description Date Date	Time Air Aqueous	Sed. Soil Unpres.	H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	EPA EPA EPA SW. RSI		
Walker-5592W-25/1LPOLY 8/9/06 18	18:45 X			XX XX III		
W 86106	18:45 X		×	×		
3-40m1 VOA 8/9/06	18:45 X		×	×		:
5/3-40m1 WA 8/9/06)8;45 X			×		
12 Poly	\ X		8	××		
500ml PON 8/5/06	12:1S Y		×.	× ×		
Bellio2-6592W-2/3-40m1 WA 8/5/06 12:15	X >1		×	×		
Bellin 1 - 6592W-2 / 3-40m1 UOA 8 9106 12:15	S			×		
11 Poly 8/9/06	136 X			X X X		
Sam-5571W-31/500m1Poly 8/9/06/11	1:30 X			×		
13-40m100A18/9/06/1	1:30 X			×		
13-40m1 UDA 8/9/06 1	1:30 1					
Possible Hazard	☐ Unknown ☐ Ret	Sample Disposal Beturn To Client	☐ Disposal By Lab	(A fee may be as Archive For Months longer than 1 mo	(A fee may be assessed if samples are retained longer than 1 month)	retained
e Required	-		Specify			
48 Hours 17 Days 14 Days 21 Days	Other					!
~	6/11/06	Time	1. Received By		Soil 1008	1630
	Date '	Time	2. Received By		Date	Time
shed By	Date	Time	3. Received By		Date	Time
Comments						

TRENT

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STL Deriver4955 Yarrow Street
Arvada, CO 80002

Severn Trent Laboratories, Inc.

STL-4124 (0901)						•
Sis Papadopulos Associutes / COSCC	Project Manager SY YON SY	Snysby			Date //1/2006	Chain of Custody Number 336516
1877 Bradway Suite 703	Telephohe Number (# 303-939	er (Arèd Codel/Fa) 37-8880	ax Number	3	303-736-0/00	Page of
City Ballder Co State Zip. Code Code SCOSO 3	Site Contact C. Para		Drille Phillips	2301 Mor		1
ter/645 Sc	Carrier/Waybill Number	15 Whoer		0.1		Special Instructions/
Contract/Purchase Order/Quote No. U	W	Matrix	Containers & Preservatives	-3 10. 20 15	1-100 -802 (-17) 1-200	Conditions of Receipt
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Time Air Aqueous	Sed. Soil Unpres.	H2SO4 HNO3 HCI NaOH ZnAc/ NaOH	EPA EPA EPA	EPF SW PSK EPF	
Zar-6592W-3/1LPOIN 8/9/66 /	15:36 K			XXX	×	
500ml 761/ 189/06	15:30 X		*	×	×	
3-40m1 009 86/06	15:30 4		*		×	
3-40m1 VOA 8/9/06	15:30 Y				×	
8/9/06	13: 16 X			×,	×	
1500ml 7614 8/9/06	13:16 X		×	*	×	
17 89/06	13:16		×		×	
3-40m1 DO17 8/9/06	13:16 \				×	
	\$000 X					,
Possible Hazard Identification Possible Hazard	☐ Unknown ☐ Re	Sample Disposal Return To Client	☐ Disposal By Lab [Archive For	(A fee may be asses	(A fee may be assessed if samples are retained longer than 1 month)
Turn Around Time Required	T) Other		QC Requirements (Specify) 	oify)		
the Porce	5/11/06	Time	1. Received By			Date Time
- 1	Date	Time	2. Received By			
3. Relinquished By	Date	Time	3. Received By			Date
Comments	_					

ι...



STL Denver 4955 Yarrow Street Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171 www.stl-inc.com

ANALYTICAL REPORT

Garfield County Water/Gas Sampling

Lot D6H160420

Christine Pearcy

S. S. Papadopulos & Associates, Inc. 1877 Broadway Suite 703 Boulder, CO 80302-5245

SEVERN TRENT LABORATORIES, INC. / STL DENVER

Michael P. Phillips

Michael & Thellyie

Project Manager

August 29, 2006

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Table Of Contents

Standard Deliverables

Report Contents

Total Number of Pages

Standard Deliverables

The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.

- Table of Contents
- Case Narrative
- Executive Summary Detection Highlights
- Methods Summary
- Method/Analyst Summary
- Lot Sample Summary
- Analytical Results
- QC Data Association Summary
- Chain-of-Custody

CASE NARRATIVE D6H160420

The following report contains the analytical results for eighteen samples submitted to STL Denver by S. S. Papadopulos & Associates for the Garfield County Water/Gas Sampling Project. The samples were received August 16, 2006, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter listed on the methods summary page in accordance with the method indicated. A summary of QC data for this analysis is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition at cooler temperatures of 5.8°C. 1.3°C. and 5.6°C.

STL uses a holding time of 24 hours for pH by Method 150.1 to allow for sample shipment. However, the analysis for pH by Method 150.1 should be performed in the field immediately following sampling. All of the analyses for pH were performed by the lab outside of STL's holding time of 24 hours. In addition, many of the Nitrate and Nitrite analyses by Method 300.0A were performed outside the holding time of 48 hours due to the samples arriving at the lab past the holding time. The client was notified on August 17, 2006, and the lab was advised to proceed with the analyses.

No other anomalies were observed.

BTEX / MTBE, SW846 Method 8021B

No anomalies were observed.

Dissolved Methane, RSK SOP-175

No MS/MSD could be performed due to insufficient sample volume for batch 6233445; however, a LCS/LCSD pair was analyzed to demonstrate method precision.

No other anomalies were observed.

Total Metals, EPA Method 200.8

Samples BARRIE-5S92W-35, WARD-5S92W-32, PATR-5S92W-28, and BROW-5S92W-32 required dilutions due to matrix interferences. The reporting limits have been adjusted relative to the dilutions required.

No other anomalies were observed.

Major Cation, EPA Method 200.7

For batch 6229505, the percent recoveries for the MS/MSD and the relative percent difference performed using sample ALESSANDRO-6S92W-1 were not calculated for Sodium because the sample concentration was greater than four times the spike amount. Because the associated Laboratory Control Sample and Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Major Anions, EPA Method 300.0

All of the samples required dilutions for one or more of the Major Anions due to the high concentrations of the target analytes in the samples or matrix interferences. The reporting limits have been adjusted relative to the dilutions required and the results have been flagged with "Q" or "G" in the report.

The MSMSD recoveries for Sulfate in batch 6240167 performed using a sample from another client and/or lot were within the control limits but were estimated results because the measured concentrations exceeded the calibration range.

No other anomalies were observed.

Alkalinity, pH, and Total Dissolved Solids, EPA Methods 310.1, 150.1, and 160.1

Samples BARRIE-5S92W-35 and BROW-5S92W-32 required dilutions for Total Dissolved Solids due to the high concentrations of the target analyte in the samples. The reporting limits have been adjusted relative to the dilutions required and the results have been flagged with "Q" in the report.

No other anomalies were observed.

D6H160420

PARAMETER		RESULT	REPORTING LIMIT	UNITS	ANALY:	
ALESSANDRO-6S92W-1 08	/14/06 11:15 00	01				
Calcium		38000	200	ug/L	MCAWW	200.7
Iron		240	100	ug/L	MCAWW	200.7
Magnesium	٠	16000	200	ug/L	MCAWW	200.7
Sodium		380000	5000	ug/L	MCAWW	200.7
Barium		11	1.0	ug/L	MCAWW	200.8
Manganese		31	1.0	ug/L	MCAWW	200.8
Selenium		30	5.0	ug/L	MCAWW	200.8
На		7.9	0.10	No Units	MCAWW	150.1
Total Dissolved Solids	d	1200	10	mg/L	MCAWW	160.1
Chloride		25	3.0	mg/L	MCAWW	300.0A
Sulfate		430 Q	50	mg/L	MCAWW	300.0A
Fluoride		2.5	0.50	mg/L	MCAWW	300.0A
Nitrate		0.81	0.50	mg/L	MCAWW	300.0A
Bicarbonate, as	s CaCO3	470	5.0	mg/L	MCAWW	
SPAULDING-5S92W-34 08	/14/06 16:30 00	02	,			
Calcium	•	14000	200	ug/L	MCAWW	200.7
Magnesium		4300	200	ug/L	MCAWW	200.7
Sodium		370000	5000	ug/L	MCAWW	200.7
Barium		11	1.0	ug/L	MCAWW	
Selenium		31	5.0	ug/L	MCAWW	200.8
рн		8.3	0.10	No Units	MCAWW	150.1
Total Dissolve Solids	đ	1000	10	mg/L	MCAWW	160.1
Chloride		13	3.0	mg/L	MCAWW	300.0A
Sulfate		460 Q	- 50	mg/L	MCAWW	300.0A
Fluoride		0.96	0.50	mg/L	MCAWW	300.0A
Nitrate		1.0	0.50	mg/L	MCAWW	300.0A
Bicarbonate, as	s CaCO3	360	5.0	mg/L	MCAWW	310.1
BARRIE-5S92W-35 08/14/06 18:30 003						
Calcium		5600	200	ug/L	MCAWW	200.7
Iron		160	100	ug/L	MCAWW	200.7
Magnesium		320	200	ug/L	MCAWW	200.7
Potassium		49000	3000	ug/L		200.7
Sodium		1400000	5000	ug/L	MCAWW	200.7
Barium		18	2.0	ug/L	MCAWW	
Manganese		4.3	2.0	ug/L	MCAWW	
Selenium		98	1.0	ug/L	MCAWW	
нд		8.0	0.10	No Units	MCAWW	

D6H160420

			REPORTING		ANALYTICAL
	PARAMETER	RESULT	LIMIT	UNITS	METHOD
BARRIE	E-5S92W-35 08/14/06 18:30 003				
	Total Dissolved	3400 Q	20	mg/L	MCAWW 160.1
	Solids				
	Chloride	930 Q	150	mg/L	MCAWW 300.0A
	Sulfate	1100 Q	250	mg/L	MCAWW 300.0A
	Fluoride	2.1 G	1.0	mg/L	MCAWW 300.0A
	Nitrate	11 Q	1.0	mg/L	MCAWW 300.0A
	Bromide	1.5 G	0.40	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	310	5.0	mg/L	MCAWW 310.1
WARD-5	S92W-32 08/15/06 11:10 004				
	Calcium	58000	200	ug/L	MCAWW 200.7
	Magnesium	10000	200	ug/L	MCAWW 200.7
	Sodium	460000	5000	ug/L	MCAWW 200.7
	Barium	11	2.0	ug/L	MCAWW 200.8
	Manganese	7.0	2.0	ug/L	MCAWW 200.8
	Selenium	44	10	ug/L	MCAWW 200.8
	Н	8.0	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	1500	10	mg/L	MCAWW 160.1
	Chloride	78 Q	6.0	mg/L	MCAWW 300.0A
	Sulfate	690 O	100	mg/L	MCAWW 300.0A
	Fluoride	0.95	0.50	mg/L	MCAWW 300.0A
	Nitrate	18 Q	1.0	mg/L	MCAWW 300.0A
	Bromide	0.23	0.20	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	240	5.0	mg/L	MCAWW 310.1
THOMAS	S-5S92W-26 08/15/06 13:30 005				
	Calcium	130000	200	ug/L	MCAWW 200.7
	Magnesium	56000	200	ug/L	MCAWW 200.7
	Sodium	150000	5000	ug/L	MCAWW 200.7
	Barium	19	1.0	ug/L	MCAWW 200.8
	Manganese	1.1	1.0	ug/L	MCAWW 200.8
	Selenium	12	5.0	ug/L	MCAWW 200.8
	рН	7.4	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	1000	10	mg/L	MCAWW 160.1
	Chloride	19	3.0	mg/L	MCAWW 300.0A
	Sulfate	300 Q	50	mg/L	MCAWW 300.0A
	Fluoride	0.66	0.50	mg/L	MCAWW 300.0A
	Nitrate	0.64	0.50	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	520	5.0	mg/L	MCAWW 310.1
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D6H160420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GULLY VENTURES-6S92W-9 08/15/06 17:30	007			
Calcium	110000	200	ug/L	MCAWW 200.7
Magnesium	65000	200	ug/L	MCAWW 200.7
Potassium	3300	3000	ug/L	MCAWW 200.7
Sodium	230000	5000	ug/L	MCAWW 200.7
Barium	16	1.0	ug/L	MCAWW 200.8
Manganese	1.2	1.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1200	10	mg/L	MCAWW 160.1
Chloride	55 Q	6.0	mg/L	MCAWW 300.0A
Sulfate	460 Q	50	mg/L	MCAWW 300.0A
Fluoride	0.58	0.50	mg/L	MCAWW 300.0A
Nitrate	0.75	0.50	mg/L	MCAWW 300.0A
Bromide	0.20	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	440	5.0	mg/L	MCAWW 310.1
RUSCH-6S92W-3 08/15/06 19:35 008				
Calcium	110000	200	ug/L	MCAWW 200.7
Magnesium	49000	200	ug/L	MCAWW 200.7
Sodium	260000	5000	ug/L	MCAWW 200.7
Barium	15	1.0	ug/L	MCAWW 200.8
Manganese	1.6	1.0	ug/L	MCAWW 200.8
pH	7.3	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1300	10	mg/L	MCAWW 160.1
Chloride	87 Q	6.0	mg/L	MCAWW 300.0A
Sulfate	530 Q	100	mg/L	MCAWW 300.0A
Fluoride	1.3	0.50	mg/L	MCAWW 300.0A
Nitrate	1.0	0.50	mg/L	MCAWW 300.0A
Bromide	0.68	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	390	5.0	mg/L	MCAWW 310.1
PRADO-6S93W-2 08/14/06 10:30 009				
Calcium	93000	200	ug/L	MCAWW 200.7
Magnesium	84000	200	ug/L	MCAWW 200.7
Sodium	240000	5000	ug/L	MCAWW 200.7
Barium	16	1.0	ug/L	MCAWW 200.8
Manganese	1.0	1.0	ug/L	MCAWW 200.8
Selenium	9.4	5.0	ug/L	MCAWW 200.8
Н	8.4	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1300	10	mg/L	MCAWW 160.1

D6H160420

			REPORTING		ANALYTICAL
	PARAMETER	RESULT	LIMIT	UNITS	METHOD
PRADO	-6S93W-2 08/14/06 10:30 009				
	Carbonate, as CaCO3	5.0	5.0	mg/L	MCAWW 310.1
	Chloride	24	3.0	mg/L	MCAWW 300.0A
	Sulfate	640 Q	100	mg/L	MCAWW 300.0A
	Nitrate	1.2	0.50	mg/L	MCAWW 300.0A
	Bromide	0.25	0.20	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	370	5.0	mg/L	MCAWW 310.1
COPE-	6S93W-11 08/14/06 12:30 010				
	Calcium	90000	200	ug/L	MCAWW 200.7
	Magnesium	49000	200	ug/L	MCAWW 200.7
	Potassium	4400	3000	ug/L	MCAWW 200.7
	Sodium	360000	5000	ug/L	MCAWW 200.7
	Barium	23	1.0	ug/L	MCAWW 200.8
	Manganese	570	1.0	ug/L	MCAWW 200.8
	Selenium	7.4	5.0	ug/L	MCAWW 200.8
	На	7.5	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	1400	10	mg/L	MCAWW 160.1
	Chloride	160 Q	30	mg/L	MCAWW 300.0A
	Sulfate	420 Q	50	mg/L	MCAWW 300.0A
	Fluoride	0.71	0.50	mg/L	MCAWW 300.0A
	Nitrate	2.2	0.50	mg/L	MCAWW 300.0A
	Bromide	0.32	0.20	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	510	5.0	mg/L	MCAWW 310.1
MGD-6	S93W-11 08/14/06 15:00 011				
	Calcium	170000	200	ug/L	MCAWW 200.7
	Magnesium	100000	200	ug/L	MCAWW 200.7
	Potassium	5300	3000	ug/L	MCAWW 200.7
	Sodium	480000	5000	ug/L	MCAWW 200.7
	Barium	14	1.0	ug/L	MCAWW 200.8
	Manganese	710	1.0	ug/L	MCAWW 200.8
	Selenium	8.1	5.0	ug/L	MCAWW 200.8
	рн	7.3	0.10	No Units	MCAWW 150.1
	Total Dissolved Solids	2300	10	mg/L	MCAWW 160.1
	Chloride	150 Q	15	mg/L	MCAWW 300.0A
	Sulfate	1100 Q	250	mg/L	MCAWW 300.0A
	Fluoride	1.3 G	1.0	mg/L	MCAWW 300.0A
	Nitrate	1.3 Q	1.0	mg/L	MCAWW 300.0A
	Bicarbonate, as CaCO3	480	5.0	mg/L	MCAWW 310.1

EXECUTIVE SUMMARY - Detection Highlights

D6H160420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
KRIZ-6S93W-10 08/14/06 16:30 01	L3			
			,_	
Calcium	47000	200	ug/L	MCAWW 200.7
Iron	6500	100	ug/L	MCAWW 200.7
Magnesium	16000	200	ug/L	MCAWW 200.7
Potassium	5500	3000	ug/L	MCAWW 200.7
Sodium	560000	5000	ug/L	MCAWW 200.7
Arsenic	25	5.0	ug/L	MCAWW 200.8
Barium	220	1.0	ug/L	MCAWW 200.8
Chromium	3.7	3.0	ug/L	MCAWW 200.8
Lead	4.1	1.0	ug/L	MCAWW 200.8
Manganese	74	1.0	ug/L	MCAWW 200.8
рн	8.0	0.10	No Units	MCAWW 150.1
Total Dissolved Solids	1800	10	mg/L	MCAWW 160.1
Chloride	240 Q	60	mg/L	MCAWW 300.0A
Sulfate	840 Q	100	mg/L	MCAWW 300.0A
Fluoride	0.52	0.50	mg/L	MCAWW 300.0A
Bromide	0.33	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	250	5.0	mg/L	MCAWW 310.1
	100000	200	ug/L	MCAWW 200.7
Calcium	100000		ug/L ug/L	MCAWW 200.7
Magnesium	69000	200	ug/L ug/L	MCAWW 200.7
Potassium	4700	3000		
Sodium	350000	5000	ug/L	MCAWW 200.7
Barium	24	1.0	ug/L	MCAWW 200.8
Manganese	350	1.0	ug/L	MCAWW 200.8
Selenium	12	5.0	ug/L	MCAWW 200.8
рн	7.5	0.10	No Units	MCAWW 150.1
Total Dissolved	1500	10	mg/L	MCAWW 160.1
Solids	150.0	1 5	m~ /T	MCALIN 200 0A
Chloride	150 Q	15	mg/L	MCAWW 300.0A
Sulfate	540 Q	100	mg/L	MCAWW 300.0A
Fluoride	0.56	0.50	mg/L	MCAWW 300.0A
Nitrate	6.5	0.50	mg/L	MCAWW 300.0A
Bromide	0.40	0.20	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	510	5.0	mg/L	MCAWW 310.1
TYB-6S93W-3 08/15/06 10:30 015				
Calcium	150000	200	ug/L	MCAWW 200.7
Magnesium	99000	200	ug/L	MCAWW 200.7
Sodium	110000	5000	ug/L	MCAWW 200.7
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EXECUTIVE SUMMARY - Detection Highlights

D6H160420

	PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALY'	
TYB-6S	93W-3 08/15/06 10:30 015					
	Barium	16	1.0	ug/L	MCAWW	200.8
	Selenium	7.5	5.0	ug/L	MCAWW	200.8
	рн	7.3	0.10	No Units		150.1
	Total Dissolved	1300	10	mg/L	MCAWW	160.1
	Solids			5.		
	Chloride	18	3.0	mg/L	MCAWW	300.0A
	Sulfate	560 Q	100	mg/L	MCAWW	300.0A
	Fluoride	1.0	0.50	mg/L	MCAWW	300.0A
	Nitrate	1.3	0.50	mg/L	MCAWW	300.0A
	Bicarbonate, as CaCO3	440	5.0	mg/L	MCAWW	310.1
SILLS-	-5S93W-36 08/15/06 13:00 016		÷ .			
	g. l	27000	200	/T	አፈርግ አ ፕሬፕሬፕ	200.7
	Calcium		100	ug/L ug/L		200.7
	Iron	140	200	ug/L ug/L		200.7
	Magnesium Sodium	33000 740000	5000	ug/L ug/L		200.7
	Barium	740000 6.1	1.0	-	-	200.7
		-	1.0	ug/L ug/L		200.8
	Manganese	8.8		_		200.8
	Selenium	7.3	5.0	ug/L No Units		150.1
	pH	8.1	0.10 10			160.1
	Total Dissolved Solids	2200	10	mg/L	MCAWW	190.1
	Chloride	42 G	6.0	mg/L	MCAWW	300.0A
	Sulfate	1000 Q	250	mg/L	MCAWW	300.0A
	Fluoride	1.5 G	1.0	mg/L	MCAWW	300.0A
	Bicarbonate, as CaCO3	620	5.0	mg/L	MCAWW	310.1
PATR-5	5S92W-28 08/15/06 16:45 017					
	Calcium	63000	200	ug/L	MCAWW	200.7
	Iron	200	100	ug/L		200.7
	Magnesium	71000	200	ug/L		200.7
	Sodium	1200000	5000	ug/L		200.7
	Barium	10	2.0	ug/L		200.8
	Manganese	5.0	2.0	ug/L		200.8
	Selenium	67	10	ug/L		200.8
	рн	7.7	0.10	No Units		150.1
	Total Dissolved	3700	10	mg/L		160.1
	Solids	3,00	10		2 1 0 2 2 1 1 1 1	
	Chloride	490 Q	30	mg/L	MCAWW	300.0A
	Sulfate	1700 Q	250	mg/L		300.0A
	Fluoride	1.5 G	1.0	mg/L		300.0A
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EXECUTIVE SUMMARY - Detection Highlights

D6H160420

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
PATR-5S92W-28 08/15/06 16:45 017				
Nitrate Bromide Bicarbonate, as CaCO3	1.6 G 0.62 G 630	1.0 0.40 5.0	mg/L mg/L mg/L	MCAWW 300.0A MCAWW 300.0A MCAWW 310.1
BROW-5S92W-32 08/15/06 18:15 018				
Calcium Magnesium Potassium Sodium Arsenic Barium Lead Manganese Selenium pH Total Dissolved	130000 65000 7200 1300000 10 9.0 2.2 270 220 7.6 4200 Q	200 200 3000 5000 10 2.0 2.0 2.0 10 0.10	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	MCAWW 200.7 MCAWW 200.7 MCAWW 200.7 MCAWW 200.7 MCAWW 200.8 MCAWW 100.8 MCAWW 150.1 MCAWW 160.1
Solids Chloride Sulfate Nitrate Bromide Bicarbonate, as CaCO3	330 Q 1900 Q 53 Q 1.9 G 630	30 250 25 0.40 5.0	mg/L mg/L mg/L mg/L	MCAWW 300.0A MCAWW 300.0A MCAWW 300.0A MCAWW 300.0A MCAWW 310.1

METHODS SUMMARY

D6H160420

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	MCAWW 150.1	MCAWW 150.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Bromide	MCAWW 300.0A	MCAWW 300.0A
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Dissolved Gasses in Water	RSK SOP-175	
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Inductively Coupled Plasma (ICP) Metals	MCAWW 200.7	MCAWW 200.7
ICP-Mass Spectrometry ICP-Mass SPectrometry	MCAWW 200.8	MCAWW 200.8
Nitrate as N	MCAWW 300.0A	MCAWW 300.0A
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Volatiles by GC	SW846 8021B	SW846 5030

References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D6H160420

ANALYTICA	L		ANALYST	
METHOD		ANALYST	ID	
MCAWW 150	.1	Danielle M. Fougere	006481	
MCAWW 160	.1	Christopher Grisdale	009582	
MCAWW 200	.7	Janel Motichka	2862	
MCAWW 200	.8	Thomas Lill	006929	
MCAWW 200	.8	Yong-ming Ding	11576	
MCAWW 300	0.0A	Ewa Kudla	001167	
MCAWW 300	0.0A	Ewa Kudla	1167	
MCAWW 310).1	Dave Elkin	000901	
RSK SOP-1	.75	Adam Pavlakovich	003128	
SW846 802	21B	Adam Pavlakovich	003128	
Reference	es:			
MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.			
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab			
SW846		valuating Solid Waste, Physical/Chem tion, November 1986 and its updates.	ical	

SAMPLE SUMMARY

D6H160420

<u>WO #</u>	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JCHPJ	001	ALESSANDRO-6S92W-1	08/14/06	11:15
JCHPN	002	SPAULDING-5S92W-34	08/14/06	16:30
JCHPP	003	BARRIE-5S92W-35	08/14/06	18:30
JCHPQ	004	WARD-5S92W-32	08/15/06	11:10
JCHPT	005	THOMAS-5S92W-26	08/15/06	13:30
JCHPV	006	THOMAS-5S92W-26-DUP	08/15/06	13:30
JCHPW	007	GULLY VENTURES-6S92W-9	08/15/06	17:30
JCHPX	008	RUSCH-6S92W-3	08/15/06	19:35
JCHP0	009	PRADO-6S93W-2	08/14/06	10:30
JCHP2	010	COPE-6S93W-11	08/14/06	12:30
JCHP4	011	MGD-6S93W-11	08/14/06	15:00
JCHP6	012	MGD-6S93W-11-D	08/14/06	15:00
JCHP9	013	KRIZ-6S93W-10	08/14/06	16:30
JCHQA	014	FIELDS-6S93W-1	08/14/06	20:15
JCHQF	015	TYB-6S93W-3	08/15/06	10:30
JCHQH	016	SILLS-5S93W-36	08/15/06	13:00
JCHQJ	017	PATR-5S92W-28	08/15/06	16:45
JCHQK	018	BROW-5S92W-32	08/15/06	18:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Client Sample ID: ALESSANDRO-6S92W-1

GC Volatiles

Lot-Sample #...: D6H160420-001 Work Order #...: JCHPJ1A3 Matrix.....: WATER

 Date
 Sampled...:
 08/14/06
 11:15
 Date
 Received...:
 08/16/06

 Prep
 Date...:
 08/18/06
 Analysis
 Date...:
 08/18/06

 Prep
 Batch #...:
 6233445
 Analysis
 Time...:
 10:24

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: SPAULDING-5S92W-34

GC Volatiles

Lot-Sample #...: D6H160420-002 Work Order #...: JCHPN1AE Matrix...... WATER

 Date Sampled...:
 08/14/06
 16:30
 Date Received...:
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 10:29

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: BARRIE-5S92W-35

GC Volatiles

Lot-Sample #...: D6H160420-003 Work Order #...: JCHPP1AE Matrix...... WATER

 Date Sampled...:
 08/14/06
 18:30
 Date Received...:
 08/16/06

 Prep Date....:
 08/18/06
 Analysis Date...:
 08/18/06

Prep Batch #...: 6233445 Analysis Time..: 10:34

Dilution Factor: 1

Method.....: RSK SOP-175

PARAMETER RESULT REPORTING LIMIT

Client Sample ID: WARD-5S92W-32

GC Volatiles

Lot-Sample #...: D6H160420-004 Work Order #...: JCHPQ1AE Matrix...... WATER

 Date Sampled...:
 08/15/06
 11:10
 Date Received...:
 08/16/06

 Prep Date....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 10:39

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: THOMAS-5S92W-26

GC Volatiles

Lot-Sample #: D	O6H160420-005	Work Order #:	JCHPT1AE	Matrix:	WATER
Date Sampled: 0	08/15/06 13:30	Date Received:	08/16/06		
Prep Date: 0	08/18/06	Analysis Date:	08/18/06		
Prep Batch #: 6	5233445	Analysis Time:	10:44		
Dilution Factor: 1	Ĺ				
		Method:	RSK SOP-175		

REPORTING

Client Sample ID: THOMAS-5S92W-26-DUP

GC Volatiles

Lot-Sample #...: D6H160420-006 Work Order #...: JCHPV1AC Matrix..... WATER

 Date
 Sampled...:
 08/15/06
 13:30
 Date
 Received...:
 08/16/06

 Prep
 Date...:
 08/18/06
 Analysis
 Date...:
 08/18/06

 Prep
 Batch #...:
 6233445
 Analysis
 Time...:
 10:49

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: GULLY VENTURES-6S92W-9

GC Volatiles

Lot-Sample #...: D6H160420-007 Work Order #...: JCHPW1AE Matrix..... WATER

 Date Sampled...:
 08/15/06
 17:30
 Date Received...:
 08/16/06

 Prep Date....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 10:54

Dilution Factor: 1

Method....: RSK SOP-175

REPORTING

Client Sample ID: RUSCH-6S92W-3

GC Volatiles

Lot-Sample #...: D6H160420-008 Work Order #...: JCHPX1AE Matrix..... WATER

 Date Sampled...:
 08/15/06
 19:35
 Date Received...:
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 10:59

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: PRADO-6S93W-2

GC Volatiles

Lot-Sample #:	D6H160420-009	Work Order #	: JCHP01AE	Matrix:	WATER
~	00/11/06 10 00		00/10/06		

 Date Sampled...:
 08/14/06
 10:30
 Date Received...:
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 11:19

Dilution Factor: 1

Method.....: RSK SOP-175

 PARAMETER
 RESULT
 LIMIT
 UNITS

 Methane
 ND
 5.0
 ug/L

Client Sample ID: COPE-6S93W-11

GC Volatiles

Lot-Sample #: D6H160420-010	Work Order #: JCHP21AE	Matrix WATER

 Date Sampled...:
 08/14/06
 12:30
 Date Received...:
 08/16/06

 Prep Date....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 11:24

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: MGD-6S93W-11

GC Volatiles

Lot-Sample #...: D6H160420-011 Work Order #...: JCHP41AE Matrix..... WATER

 Date Sampled...:
 08/14/06
 15:00
 Date Received...:
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 11:29

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: MGD-6S93W-11-D

GC Volatiles

Lot-Sample #...: D6H160420-012 Work Order #...: JCHP61AC Matrix..... WATER

 Date Sampled...:
 08/14/06
 15:00
 Date Received...
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...
 11:34

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: KRIZ-6S93W-10

GC Volatiles

Lot-Sample #...: D6H160420-013 Work Order #...: JCHP91AE Matrix..... WATER

 Date Sampled...:
 08/14/06
 16:30
 Date Received...:
 08/16/06

 Prep Date....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 11:38

Dilution Factor: 1

Method.....: RSK SOP-175

REPORTING

Client Sample ID: FIELDS-6S93W-1

GC Volatiles

Lot-Sample #...: D6H160420-014 Work Order #...: JCHQA1AE Matrix..... WATER

 Date Sampled...:
 08/14/06
 20:15
 Date Received...
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...
 11:43

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: TYB-6S93W-3

GC Volatiles

Lot-Sample #:	D6H160420-015	Work	Order #:	JCHQF1AE	Matrix:	WATER
Date Sampled:	08/15/06 10:30	Date	Received:	08/16/06		
	, ,	_		1 1		

 Prep Date....:
 08/18/06
 Analysis Date...
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...
 11:48

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: SILLS-5S93W-36

GC Volatiles

Lot-Sample #...: D6H160420-016 Work Order #...: JCHQH1AE Matrix..... WATER

 Date Sampled...:
 08/15/06
 13:00
 Date Received...
 08/16/06

 Prep Date.....:
 08/18/06
 Analysis Date...
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...
 11:53

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: PATR-5S92W-28

GC Volatiles

Lot-Sample #...: D6H160420-017 Work Order #...: JCHQJ1AE Matrix..... WATER

 Date Sampled...:
 08/15/06
 16:45
 Date Received...:
 08/16/06

 Prep Date....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...:
 11:58

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

Client Sample ID: BROW-5S92W-32

GC Volatiles

Lot-Sample #...: D6H160420-018 Work Order #...: JCHQK1AE Matrix..... WATER

 Date
 Sampled...:
 08/15/06
 18:15
 Date
 Received...:
 08/16/06

 Prep
 Date....:
 08/18/06
 Analysis
 Date...:
 08/18/06

 Prep
 Batch #...:
 6233445
 Analysis
 Time...:
 12:03

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

PARAMETER RESULT LIMIT UNITS methane ND 5.0 ug/L

Client Sample ID: ALESSANDRO-6S92W-1

GC Volatiles

Lot-Sample #: D6H160420-001	Work Order #: JCHPJ1AM	Matrix WATER
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 Date
 Sampled...:
 08/14/06
 11:15
 Date Received...:
 08/16/06

 Prep
 Date....:
 08/23/06
 Analysis
 Date...:
 08/23/06

 Prep
 Batch #...:
 6237251
 Analysis
 Time...:
 11:52

Dilution Factor: 1

		REPORTING	,
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)

Client Sample ID: SPAULDING-5S92W-34

GC Volatiles

Lot-Sample #: D6H160420-002	Work Order #: JCHPN1AR	Matrix: WATER
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 Date Sampled...:
 08/14/06
 16:30
 Date Received...:
 08/16/06

 Prep Date....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 13:40

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)

Client Sample ID: BARRIE-5S92W-35

GC Volatiles

Lot-Sample #:	D6H160420-003	Work Order #	: JCHPP1AR	Matrix:	WATER
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 Date Sampled...:
 08/14/06
 18:30
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 14:15

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a.a.a-Trifluorotoluene (TFT)	95	(85 - 115))

Client Sample ID: WARD-5S92W-32

GC Volatiles

Lot-Sample #: D6H160420-004	Work Order #: JCHPQ1AR	Matrix WATER
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 Date Sampled...:
 08/15/06
 11:10
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 14:51

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	<u>LIMITS</u>	-
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)	

Client Sample ID: THOMAS-5S92W-26

GC Volatiles

Lot-Sample #: D6H160420-005	Work Order #: JCHPT1AR	Matrix: WATER
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 Date Sampled...:
 08/15/06
 13:30
 Date Received...:
 08/16/06

 Prep Date....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 15:27

Dilution Factor: 1

		REPORTING	t T
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115	5)

Client Sample ID: THOMAS-5S92W-26-DUP

GC Volatiles

Lot-Sample #: D6H160420-006	Work Order #: JCHPV1AA	Matrix WATER
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 Date Sampled...:
 08/15/06
 13:30
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 16:03

Dilution Factor: 1

		REPORTING	G
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	96	(85 - 11	5)

Client Sample ID: GULLY VENTURES-6S92W-9

GC Volatiles

Lot-Sample #:	D6H160420-007	Work Order	#: JCHPW1AR	Matrix:	WATER
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 Date Sampled...:
 08/15/06
 17:30
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 16:39

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	94	(85 - 115))

Client Sample ID: RUSCH-6S92W-3

GC Volatiles

Lot-Sample #: D6H160420-008	Work Order #: JCHPX1AR	Matrix WATER
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 Date Sampled...:
 08/15/06
 19:35
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 17:15

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	\mathtt{ug}/\mathtt{L}
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	\mathtt{ug}/\mathtt{L}
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)

Client Sample ID: PRADO-6S93W-2

GC Volatiles

Lot-Sample #: D6H160420-009 Work Order #: JCHP01AR Matrix W

 Date Sampled...:
 08/14/06
 10:30
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 18:26

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a.a.a-Trifluorotoluene (TFT)	95	(85 - 115	()

Client Sample ID: COPE-6S93W-11

GC Volatiles

Lot-Sample #: D6H160420-010	Work Order #: JCHP21AR	Matrix WATER
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 Date Sampled...:
 08/14/06
 12:30
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 19:02

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	\mathtt{ug}/\mathtt{L}
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115	5)

Client Sample ID: MGD-6S93W-11

GC Volatiles

Lot-Sample #...: D6H160420-011 Work Order #...: JCHP41AR Matrix..... WATER

 Date Sampled...:
 08/14/06
 15:00
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 19:38

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115	

Client Sample ID: MGD-6S93W-11-D

GC Volatiles

Lot-Sample #: D6	5H160420-012 Wor l	k Order #:	JCHP61AA	Matrix:	WATER
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 Date Sampled...:
 08/14/06
 15:00
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 20:13

Dilution Factor: 1

		REPORTING	}
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115	<u>)</u>

Client Sample ID: KRIZ-6S93W-10

GC Volatiles

Lot-Sample #: D6H160420-013	Work Order #: JCHP91AR	Matrix WATER
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 Date Sampled...:
 08/14/06
 16:30
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 20:49

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	96	(85 - 115))

Client Sample ID: FIELDS-6S93W-1

GC Volatiles

Lot-Sample #: D6H160420-014	Work Order #: JCHQA1AR	Matrix WATER
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 Date Sampled...:
 08/14/06
 20:15
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 21:24

Dilution Factor: 1

		REPORTIN	G
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	\mathtt{ug}/\mathtt{L}
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	5)

Client Sample ID: TYB-6S93W-3

GC Volatiles

Lot-Sample #: D6H160420-015	Work Order #:	JCHOF1AR	Matrix:	WATER
LOU-SAMDLE # DODITOUTZUTT	MOTA OTGET H	o crigi iran		

 Date Sampled...:
 08/15/06
 10:30
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 22:00

Dilution Factor: 1

		REPORTIN	īG
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	${\tt ug/L}$
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	7
SURROGATE	RECOVERY	LIMITS	
a.a.a-Trifluorotoluene (TFT)	98	(85 - 11	L 5)

Client Sample ID: SILLS-5S93W-36

GC Volatiles

Lot-Sample #: D6H1604	20-016 Work Order #.	: JCHQH1AR	Matrix:	WATER
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 Date Sampled...:
 08/15/06
 13:00
 Date Received...
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...
 22:35

Dilution Factor: 1

		REPORTIN	īG
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	.5)

Client Sample ID: PATR-5S92W-28

GC Volatiles

Lot-Sample #: D6H160420-017	Work Order #: JCHQJ1AR	Matrix WATER
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 Date Sampled...:
 08/15/06
 16:45
 Date Received...:
 08/16/06

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 23:11

Dilution Factor: 1

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115)

Client Sample ID: BROW-5S92W-32

GC Volatiles

Lot-Sample #: D	06H160420-018	Work Order #	.: JCHQK1AR	Matrix:	WATER
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 Date
 Sampled...:
 08/15/06
 18:15
 Date
 Received...:
 08/16/06

 Prep
 Date....:
 08/23/06
 Analysis
 Date...:
 08/23/06

 Prep
 Batch #...:
 6237251
 Analysis
 Time...:
 23:47

Dilution Factor: 1

		REPORTING	ł
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	${\tt ug/L}$
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	98	(85 - 115	()

Client Sample ID: ALESSANDRO-6S92W-1

TOTAL Metals

Lot-Sample #...: D6H160420-001 Matrix....: WATER

Date Sampled...: 08/14/06 11:15 Date Received..: 08/16/06

		REPORTIN	iG		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #	: 6229494					
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AN
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Barium	11	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AP
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AQ
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AR
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Lead	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AT
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Manganese	31	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AU
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Selenium	30	5.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHPJ1AV
		Dilution Fac	tor: 1	Analysis Time: 04:2	9	
Prep Batch #	• 6229505					
Calcium	38000	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCHPJ1AW
		Dilution Fac	tor: 1	Analysis Time: 15:5	8	
Iron	240	100	ug/L	MCAWW 200.7	08/18-08/22/06	JCHPJ1AX
		Dilution Fac	tor: 1	Analysis Time: 15:5	8	
Magnesium	16000	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCHPJ1A0
		Dilution Fac	tor: 1	Analysis Time: 15:5	8	
Potassium	ND	3000	ug/L	MCAWW 200.7	08/18-08/22/06	JCHPJ1A1
		Dilution Fac	tor: 1	Analysis Time: 15:5	8	
Sodium	380000	5000	ug/L	MCAWW 200.7	08/18-08/22/06	JCHPJ1A2
		Dilution Fac	tor: 1	Analysis Time: 15:5	8	

Client Sample ID: SPAULDING-5S92W-34

TOTAL Metals

Lot-Sample #...: D6H160420-002 Matrix....: WATER

Date Sampled...: 08/14/06 16:30 Date Received..: 08/16/06

_		DEDODETNO				WORK	
		REPORTIN		MERITOD		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD		ANALYSIS DATE	ORDER #
Prep Batch #	: 6229494	•					
Arsenic	ND	5.0	ug/L	MCAWW :	200.8	08/18-08/23/06	JCHPN1AT
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Barium	11	1.0	ug/L	MCAWW :	200.8	08/18-08/23/06	JCHPN1AU
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Cadmium	ND	1.0	ug/L	MCAWW :	200.8	08/18-08/23/06	JCHPN1AV
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPN1AW
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPN1AX
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPN1A0
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Selenium	31	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPN1A1
		Dilution Fac	tor: 1	Analysis '	Time: 04:32		
Prep Batch #	: 6229505						
Calcium	14000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPN1A2
		Dilution Fac	tor: 1	Analysis '	Time: 16:22		
Iron	ND	100	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPN1A3
		Dilution Fac	tor: 1	Analysis '	Time: 16:22		
Magnesium	4300	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPN1AA
		Dilution Fac	tor: 1	Analysis '	Time: 16:22		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPN1AC
		Dilution Fac	tor: 1	Analysis '	Time: 16:22		
Sodium	370000	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPN1AD
		Dilution Fac	tor: 1	Analysis '	Time: 16:22		

Client Sample ID: BARRIE-5S92W-35

TOTAL Metals

Matrix....: WATER

Lot-Sample #...: D6H160420-003

Date Sampled...: 08/14/06 18:30 Date Received..: 08/16/06

		REPORTIN	G			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	<u>UNITS</u>	METHOD		ANALYSIS DATE	ORDER #
Prep Batch #	• 6229494						
Arsenic	ND	10	uq/L	MCAWW 200.8	}	08/18-08/25/06	JCHPP1AT
		Dilution Fact	tor: 2	Analysis Time	: 00:02		
				MORETT DOD O		08/18-08/25/06	TOTTOD 1 ATT
Barium	18	2.0 Dilution Fact	ug/L	MCAWW 200.8 Analysis Time		08/18-08/25/08	UCHEFIAU
		Dilucion Fact	cor: 2	Anarysis lime	. 00.02		
Cadmium	ND	2.0	ug/L	MCAWW 200.8	3	08/18-08/25/06	JCHPP1AV
		Dilution Fact	tor: 2	Analysis Time	: 00:02		
_			<i>t</i> _			00/00 00/05/06	TG117771 7 1.1
Chromium	ND	6.0	ug/L	MCAWW 200.8		08/18-08/25/06	JCHPPIAW
		Dilution Fact	tor: 2	Analysis Time	: 00:02		
Lead	ND	2.0	uq/L	MCAWW 200.8	3	08/18-08/25/06	JCHPP1AX
		Dilution Fac	٥.	Analysis Time	: 00:02		
Manganese	4.3	2.0	ug/L	MCAWW 200.8	3	08/18-08/25/06	JCHPP1A0
		Dilution Fac	tor: 2	Analysis Time	: 00:02		
Selenium	98	10	uq/L	MCAWW 200.8	3	08/18-08/25/06	JCHPP1A1
		Dilution Fac	٠.	Analysis Time	: 00:02	, , ,	
D D-4-% !!	6000505						
Prep Batch # Calcium	5600	200	uq/L	MCAWW 200.7	7	08/18-08/22/06	JCHPP1A2
Carcran	5000	Dilution Fac	J ,	Analysis Time		, ,,	
				-			
Iron	160	100	ug/L	MCAWW 200.7	7	08/18-08/22/06	JCHPP1A3
		Dilution Fac	tor: 1	Analysis Time	: 16:28		
•••	200	200	/т	MCAWW 200.7	7	08/18-08/22/06	TOUDD1 XX
Magnesium	320	200 Dilution Fac	ug/L	Analysis Time		06/16-06/22/06	UCHPPIAA
		Dilution Fac	tor: 1	Analysis lime	: 10:20		
Potassium	49000	3000	ug/L	MCAWW 200.7	7	08/18-08/22/06	JCHPP1AC
		Dilution Fac	٥.	Analysis Time	: 16:28		•
			_			,	
Sodium	1400000	5000	ug/L	MCAWW 200.7	=	08/18-08/22/06	JCHPP1AD
		Dilution Fac	tor: 1	Analysis Time	: 16:28		

Client Sample ID: WARD-5S92W-32

TOTAL Metals

Lot-Sample #...: D6H160420-004
Date Sampled...: 08/15/06 11:10 Date Received..: 08/16/06

PERCONNING

Prep Batch #: 6229494 Arsenic ND 10 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AT Barium 11 2.0 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AU Cadmium ND 2.0 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AV Chromium ND 6.0 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AW	PARAMETER	RESULT	REPORTIN LIMIT	IG UNITS	METHOD		PREPARATION- ANALYSIS DATE	WORK ORDER #
Arsenic ND 10 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AT Dilution Factor: 2 Analysis Time: 00:05 Barium 11 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AU Dilution Factor: 2 Analysis Time: 00:05 Cadmium ND 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AV Dilution Factor: 2 Analysis Time: 00:05 Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05								
Dilution Factor: 2 Analysis Time: 00:05 Barium 11 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AU Dilution Factor: 2 Analysis Time: 00:05 Cadmium ND 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AV Dilution Factor: 2 Analysis Time: 00:05 Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05	Prep Batch #	: 6229494						
Barium 11 2.0 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AU Cadmium ND 2.0 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AV Chromium ND 6.0 ug/L Dilution Factor: 2 MCAWW 200.8 Analysis Time: 00:05 08/18-08/25/06 JCHPQ1AW	Arsenic	ND	10	${\tt ug/L}$			08/18-08/25/06	JCHPQ1AT
Dilution Factor: 2 Analysis Time: 00:05 Cadmium ND 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AV Dilution Factor: 2 Analysis Time: 00:05 Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05			Dilution Fac	tor: 2	Analysis Time:	00:05		
Dilution Factor: 2 Analysis Time: 00:05 Cadmium ND 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AV Dilution Factor: 2 Analysis Time: 00:05 Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05	Danis and	44	2.0	1107/T	MC27MM 200 8		08/18-08/25/06	JCHPO1 AIT
Cadmium ND 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AV Dilution Factor: 2 Analysis Time: 00:05 Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05	Barrum	TT		-		00:05	00/10 00/15/00	0 0111 2
Dilution Factor: 2 Analysis Time: 00:05 Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05			Dilucion 140		1110,117,010			
Chromium ND 6.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AW Dilution Factor: 2 Analysis Time: 00:05	Cadmium	ND	2.0	ug/L	MCAWW 200.8		08/18-08/25/06	JCHPQ1AV
Dilution Factor: 2 Analysis Time: 00:05			Dilution Fac	tor: 2	Analysis Time:	00:05		
Dilution Factor: 2 Analysis Time: 00:05								
	Chromium	ND	6.0	ug/L			08/18-08/25/06	JCHPQ1AW
/			Dilution Fac	tor: 2	Analysis Time:	00:05		
	T 3	377	2 0	/T	MCAWW 200.8		00/10-00/25/06	.TCHDO1
Lead ND 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1AX Dilution Factor: 2 Analysis Time: 00:05	Lead	ממ		٥.		00.05	08/18-08/25/00	OCIII QIAM
Direction Faccor: 2 Analysis Time 00.03			Dilucion Fac	COL: 2	Analysis lime	00.03		
Manganese 7.0 2.0 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1A0	Manganese	7.0	2.0	uq/L	MCAWW 200.8		08/18-08/25/06	JCHPQ1A0
Dilution Factor: 2 Analysis Time: 00:05	g		Dilution Fac	٥.	Analysis Time:	00:05		
Selenium 44 10 ug/L MCAWW 200.8 08/18-08/25/06 JCHPQ1A1	Selenium	44	10	ug/L	MCAWW 200.8		08/18-08/25/06	JCHPQ1A1
Dilution Factor: 2 Analysis Time: 00:05			Dilution Fac	etor: 2	Analysis Time:	00:05		
		5000505						
Prep Batch #: 6229505 Calcium 58000 200 ug/L MCAWW 200.7 08/18-08/22/06 JCHPQ1A2	~		200	110 /T.	MCAWW 200 7		08/18-08/22/06	тснрота2
Dilution Factor: 1 Analysis Time: 16:34	Calcium	38000				16:34	00/10 00/11/00	2
Director recoor. I make your same of the s			Directon rec					
Iron ND 100 ug/L MCAWW 200.7 08/18-08/22/06 JCHPQ1A3	Iron	ND	100	uq/L	MCAWW 200.7		08/18-08/22/06	JCHPQ1A3
Dilution Factor: 1 Analysis Time: 16:34			Dilution Fac	ctor: 1	Analysis Time:	16:34		
Magnesium 10000 200 ug/L MCAWW 200.7 08/18-08/22/06 JCHPQ1AA	Magnesium	10000	200	ug/L				JCHPQ1AA
Dilution Factor: 1 Analysis Time: 16:34			Dilution Fac	ctor: 1	Analysis Time:	16:34		
Potassium ND 3000 ug/L MCAWW 200.7 08/18-08/22/06 JCHPQ1AC	D. t	3770	2000	/T	MCDAMA OOO O		00/10-00/22/06	TCHPO1AC
Potassium ND 3000 ug/L MCAWW 200.7 08/18-08/22/06 JCHPQ1AC Dilution Factor: 1 Analysis Time: 16:34	Potassium	ND		٠.		16.34	•	b ciii Qiac
DIRECTOR FACCOT: 1 ARRATYSTS TIME: 10:34			Dilucion Fac	SCOT: I	Analysis lime:	40:34		
Sodium 460000 5000 ug/L MCAWW 200.7 08/18-08/22/06 JCHPQ1AD	Sodium	460000	5000	ug/L	MCAWW 200.7		08/18-08/22/06	JCHPQ1AD
Dilution Factor: 1 Analysis Time: 16:34			Dilution Fac	ctor: 1	Analysis Time:	16:34		

Client Sample ID: THOMAS-5S92W-26

TOTAL Metals

Lot-Sample #...: D6H160420-005 Matrix....: WATER

Date Sampled...: 08/15/06 13:30 Date Received..: 08/16/06

		REPORTI	PREPARATION-	WORK			
PARAMETER	RESULT	LIMIT	UNITS	METHOI	<u> </u>	ANALYSIS DATE	ORDER #
Prep Batch #.	: 6229494						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1AT
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Barium	19	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1AU
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1AV
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1AW
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1AX
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Manganese	1.1	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1A0
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Selenium	12	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPT1A1
		Dilution Fac	ctor: 1	Analysis	Time: 04:43		
Prep Batch #.	: 6229505						
Calcium	130000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPT1A2
		Dilution Fac	ctor: 1	Analysis	Time: 16:40		
Iron	ND	100	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPT1A3
		Dilution Fac	ctor: 1	Analysis	Time: 16:40		
Magnesium	56000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPT1AA
		Dilution Fac	ctor: 1	Analysis	Time: 16:40		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPT1AC
		Dilution Fac	ctor: 1	Analysis	Time: 16:40		
Sodium	150000	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPT1AD
		Dilution Fac	ctor: 1	Analysis	Time: 16:40		

Client Sample ID: GULLY VENTURES-6S92W-9

TOTAL Metals

Lot-Sample #...: D6H160420-007 Matrix....: WATER

Date Sampled...: 08/15/06 17:30 Date Received..: 08/16/06

PARAMETER	RESULT	REPORTING LIMIT	; UNITS	METHOD		PREPARATION- ANALYSIS DATE	WORK ORDER #
4.00	Consideration of the desired control of the second control of the						
Prep Batch #	: 6229494						
Arsenic	ND	5.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1AT
		Dilution Fact	or: 1	Analysis Time:	04:47		
Barium	16	1.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1AU
		Dilution Fact	or: 1	Analysis Time:	04:47		
Cadmium	ND	1.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1AV
		Dilution Fact	or: 1	Analysis Time:	04:47		
Chromium	ND	3.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1AW
	•	Dilution Fact	or: 1	Analysis Time:	04:47		
Lead	ND	1.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1AX
		Dilution Fact	or: 1	Analysis Time:	04:47		
Manganese	1.2	1.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1A0
		Dilution Fact	or: 1	Analysis Time:	04:47		
Selenium	ND	5.0	ug/L	MCAWW 200.8		08/18-08/23/06	JCHPW1A1
		Dilution Fact	or: 1	Analysis Time:	04:47		
Prep Batch #	: 6229505						
Calcium	110000	200	ug/L	MCAWW 200.7		08/18-08/22/06	JCHPW1A2
		Dilution Fact	or: 1	Analysis Time:	17:04		
Iron	ND	100	ug/L	MCAWW 200.7		08/18-08/22/06	JCHPW1A3
		Dilution Fact	or: 1	Analysis Time:	17:04		•
Magnesium	65000	200	ug/L	MCAWW 200.7		08/18-08/22/06	JCHPW1AA
		Dilution Facto	or: 1	Analysis Time:	17:04		
Potassium	3300	3000	ug/L	MCAWW 200.7		08/18-08/22/06	JCHPW1AC
		Dilution Facto	_	Analysis Time:	17:04		
Sodium	230000	5000	ug/L	MCAWW 200.7		08/18-08/22/06	JCHPW1AD
		Dilution Facto	or: 1	Analysis Time:	17:04		

Client Sample ID: RUSCH-6S92W-3

TOTAL Metals

Lot-Sample #...: D6H160420-008 Matrix....: WATER

Date Sampled...: 08/15/06 19:35 Date Received..: 08/16/06

-							
		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
					the time and		
Prep Batch #	: 6229494						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPX1AT
		Dilution Facto	or: 1	Analysis	Time: 04:58		
Barium	15	1.0	uq/L	MC A Taria	200.8	08/18-08/23/06	.TCUDY1 AIT
Darran	13	Dilution Facto	٥.		Time: 04:58	08/18-08/23/00	OCHEALAG
		DIIUCION FACCO	,r. r	MIGLYSIS	11me 04.50		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPX1AV
		Dilution Facto	or: 1	Analysis	Time: 04:58		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPX1AW
		Dilution Facto	r: 1	Analysis	Time: 04:58		
* 3	200		/-				
Lead	ND	1.0	ug/L		200.8	08/18-08/23/06	JCHPX1AX
		Dilution Facto	r: 1	Analysis	Time: 04:58		
Manganese	1.6	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPX1A0
3		Dilution Facto	-		Time: 04:58		
				_			
Selenium	ND	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHPX1A1
		Dilution Facto	er: 1	Analysis	Time: 04:58		
Dron Botch #	- 6220505						
Prep Batch # Calcium	110000	200	uq/L	MC'A WIN	200.7	08/18-08/22/06	TOUDY 1 A 2
Calcium	110000	Dilution Facto	3 -		Z00.7 Time: 17:10	00/10-00/22/00	UCHPALAZ
		Dilicion Facto	·	Amarysts	11me 17.10		
Iron	ND	100	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPX1A3
		Dilution Facto		Analysis	Time: 17:10		
				_			
Magnesium	49000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHPX1AA
		Dilution Facto	r: 1	Analysis	Time: 17:10		
Potassium	ND	3000	ug/L		200.7	08/18-08/22/06	JCHPX1AC
		Dilution Facto	r: 1	Analysis	Time: 17:10		
Sodium	260000	5000	uq/L	MCALE	200.7	08/18-08/22/06	TOTOTO VI AD
POGTOR	200000	Dilution Facto	٥.	-	200.7 Time: 17:10	00/10-08/22/06	OCHEVIAN
		Directon Facto	<u>.</u>	wirdTASTS	11me 1/:10		

Client Sample ID: PRADO-6S93W-2

TOTAL Metals

Lot-Sample #...: D6H160420-009 Matrix....: WATER

Date Sampled...: 08/14/06 10:30 Date Received..: 08/16/06

		REPORTIN	G			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Prep Batch #			,				
Arsenic	ND	5.0	ug/L		200.8	08/18-08/23/06	JCHP01AT
		Dilution Fact	tor: 1	Analysis	Time: 05:01		
Barium	16	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP01AU
		Dilution Fact	tor: 1	Analysis	Time: 05:01		
G 7 1			/-			/ / /	
Cadmium	ND	1.0	ug/L		200.8	08/18-08/23/06	JCHP01AV
		Dilution Fact	tor: 1	Analysis	Time: 05:01		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP01AW
		Dilution Fact	tor: 1	Analysis	Time: 05:01		
Lead	ND	1.0	ug/L	MCAMM	200.8	08/18-08/23/06	TCUDO17V
2000	112	Dilution Fact			Time: 05:01	00/10-00/23/00	UCIIFUIAA
		211401011 140		MICLYBES	11me 05.01		
Manganese	1.0	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP01A0
		Dilution Fact	tor: 1	Analysis	Time: 05:01		
Selenium	9.4	5.0	uq/L	MCAWW	200.8	08/18-08/23/06	.TCHP01
		Dilution Fact	3.		Time: 05:01	00/10 00/25/00	ociii ozzak
				•			
Prep Batch # Calcium	.: 6229505 93000	200	uq/L	MC'A TATA	200.7	08/18-08/22/06	T/TID0130
Carcian	23000	Dilution Fact	٠.		ZUU.7 Time: 17:16	00/10-00/22/00	UCHPULAZ
		Directon rec		MIGLYSIS	11me 17.10		
Iron	ND	100	ug/L	MCAWW	200.7	08/18-08/22/06	JCHP01A3
		Dilution Fact	cor: 1	Analysis	Time: 17:16		
Magnesium	84000	200	uq/L	MCAWW	200.7	08/18-08/22/06	TCHP01AA
3		Dilution Fact	-		Time: 17:16	00,20 00,22,00	00111
				•			
Potassium	ND	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHP01AC
		Dilution Fact	or: 1	Analysis	Time: 17:16		
Sodium							
	240000	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHP01AD

Client Sample ID: COPE-6S93W-11

TOTAL Metals

Lot-Sample #...: D6H160420-010 Matrix....: WATER

Date Sampled...: 08/14/06 12:30 Date Received..: 08/16/06

-			·		
		REPORTING		PREPARATION-	WORK
PARAMETER	RESULT		ITS METHOD	ANALYSIS DATE	ORDER #
	-				
Prep Batch #	.: 6229494				
Arsenic	ND	5.0 ug,	/L MCAWW 200.8	08/18-08/23/06	JCHP21AT
		Dilution Factor: 1	Analysis Time: 05:05		
Barium	23	1.0 ug	/L MCAWW 200.8	08/18-08/23/06	JCHP21AU
	25	Dilution Factor: 1		,,,	
Cadmium	ND	1.0 ug,	/L MCAWW 200.8	08/18-08/23/06	JCHP21AV
		Dilution Factor: 1	Analysis Time: 05:05		
Chromium	ND	3.0 ug,	/L MCAWW 200.8	08/18-08/23/06	JCHP21AW
		Dilution Factor: 1	Analysis Time: 05:05		
Lead	ND	1.0 ug,	/L MCAWW 200.8	08/18-08/23/06	JCHP21AX
		Dilution Factor: 1		, , ,	
			-		
Manganese	570	1.0 ug,	/L MCAWW 200.8	08/18-08/23/06	JCHP21A0
		Dilution Factor: 1	Analysis Time: 05:05		
a.7		5.0	/r warrer 000 0	00/10 00/00/00	TOTTD0131
Selenium	7.4	5.0 ug,		08/18-08/23/06	JCHP21A1
		Dilution Factor: 1	Analysis Time: 05:05		
Prep Batch #	.: 6229505				
Calcium	90000	200 ug,	/L MCAWW 200.7	08/18-08/22/06	JCHP21A2
		Dilution Factor: 1	Analysis Time: 17:22		
_			/-		
Iron	ND	100 ug,		08/18-08/22/06	JCHP21A3
		Dilution Factor: 1	Analysis Time: 17:22		
Magnesium	49000	200 ug	/L MCAWW 200.7	08/18-08/22/06	ЈСНР21А А
3		Dilution Factor: 1	•	,,,	
Potassium	4400	3000 ug,	/L MCAWW 200.7	08/18-08/22/06	JCHP21AC
		Dilution Factor: 1			
Sodium	360000	5000 ug,		08/18-08/22/06	JCHP21AD
		Dilution Factor: 1	Analysis Time: 17:22		

Client Sample ID: MGD-6S93W-11

TOTAL Metals

Lot-Sample #...: D6H160420-011 Matrix....: WATER

Date Sampled...: 08/14/06 15:00 Date Received..: 08/16/06

		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD		ANALYSIS DATE	ORDER #
Prep Batch #	: 6229494						
Arsenic	ND	5.0	uq/L	MCAWW 20	0.8	08/18-08/23/06	JCHP41AT
		Dilution Facto	or: 1	Analysis Tir	me: 05:08		
Barium	14	1.0	ug/L	MCAWW 20	8.0	08/18-08/23/06	JCHP41AU
		Dilution Fact	or: 1	Analysis Tir	me: 05:08		
Cadmium	ND	1.0	ug/L	MCAWW 20	0.8	08/18-08/23/06	JCHP41AV
		Dilution Fact	or: 1	Analysis Tir	me: 05:08		
Chromium	ND	3.0	ug/L	MCAWW 20	0.8	08/18-08/23/06	JCHP41AW
		Dilution Fact	or: 1	Analysis Tir	me: 05:08		
Lead	ND	1.0	ug/L	MCAWW 20	0.8	08/18-08/23/06	JCHP41AX
		Dilution Fact	or: 1	Analysis Tir	me: 05:08		
Manganese	710	1.0	ug/L	MCAWW 20	0.8	08/18-08/23/06	JCHP41A0
		Dilution Fact	or: 1	Analysis Tir	me: 05:08		
Selenium	8.1	5.0	ug/L	MCAWW 20	8.00	08/18-08/23/06	JCHP41A1
		Dilution Fact	or: 1	Analysis Tir	me: 05:08		
Prep Batch #	: 6229505						
Calcium	170000	200	ug/L	MCAWW 20	0.7	08/18-08/22/06	JCHP41A2
		Dilution Fact	or: 1	Analysis Tir	me: 17:28		
Iron	ND	100	ug/L	MCAWW 20	0.7	08/18-08/22/06	JCHP41A3
		Dilution Fact	or: 1	Analysis Tir	me: 17:28		
Magnesium	100000	200	ug/L	MCAWW 20	0.7	08/18-08/22/06	JCHP41AA
		Dilution Fact	or: 1	Analysis Tir	me: 17:28		
Potassium	5300	3000	ug/L	MCAWW 20	0.7	08/18-08/22/06	JCHP41AC
		Dilution Fact	or: 1	Analysis Tir	me: 17:28		
Sodium	480000	5000	ug/L	MCAWW 20	0.7	08/18-08/22/06	JCHP41AD
		Dilution Fact	or: 1	Analysis Tir	me: 17:28		

Client Sample ID: KRIZ-6S93W-10

TOTAL Metals

Lot-Sample # Date Sampled	Matrix:	WATER					
		REPORTING	1			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO	D	ANALYSIS DATE	ORDER #
Prep Batch #	: 6229494						
Arsenic	25	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP91AT
		Dilution Fact	or: 1	Analysis	Time: 05:12		
Barium	220	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP91AU
		Dilution Fact	or: 1	Analysis	Time: 05:12		
Cadmium	ND	1.0	ug/L		200.8	08/18-08/23/06	JCHP91AV
		Dilution Fact	or: 1	Analysis	Time: 05:12		
Chromium	3.7	3.0	uq/L	MCAWW	200.8	08/18-08/23/06	JCHP91AW
		Dilution Fact	٥.		Time: 05:12	,	
				-			
Lead	4.1	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP91AX
		Dilution Fact	or: 1	Analysis	Time: 05:12		
Manganese	74	1.0	uq/L	мсашы	200.8	08/18-08/23/06	.TCHD91 & 0
Manganese	/4	Dilution Fact	-		Time: 05:12	00/10 00/23/00	ociii Jino
		Directon rect	01. 1	I MICE Y D L D	11		
Selenium	ND	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHP91A1
		Dilution Fact	or: 1	Analysis	Time: 05:12		
Prep Batch #			_				
Calcium	47000	200	ug/L		200.7	08/18-08/22/06	JCHP91A2
		Dilution Fact	or: 1	Analysis	Time: 17:34		
Iron	6500	100	uq/L	MCAWW	200.7	08/18-08/22/06	JCHP91A3
		Dilution Fact	or: 1	Analysis	Time: 17:34		
Magnesium	16000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHP91AA
		Dilution Fact	or: 1	Analysis	Time: 17:34		
Potassium	5500	3000	uq/L	MCATAT	200.7	08/18-08/22/06	TCHDQ13C
rocassium	2200	Dilution Fact	٥.		ZUU./ Time: 17:34	00/10 00/22/00	JCIII JIAC
		DITUCION FACE	· · ·	rmary 515	22		

MCAWW 200.7

Analysis Time..: 17:34

Sodium

560000

5000

Dilution Factor: 1

ug/L

08/18-08/22/06 JCHP91AD

Client Sample ID: FIELDS-6S93W-1

TOTAL Metals

Lot-Sample #...: D6H160420-014 Matrix....: WATER

Date Sampled...: 08/14/06 20:15 Date Received..: 08/16/06

Date Sampled	.: 08/14/06 .	20:15 Date	Received.	.: 00/10/	00		
		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #	- 6229494						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHOA1AT
	1.5	Dilution Fac			Time: 05:15		_
Barium	24	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	ЛСНОА1АП
Darron	24	Dilution Fac	_		Time: 05:15	00,20 00,25,00	0011211111
Cadmium	ND	1.0	uq/L	MC7\ TaTTaT	200.8	08/18-08/23/06	.TCHO2\12V
Cadillium	ИП	Dilution Fac	٥.		Z00.8 Time: 05:15	08/18-08/23/00	OCHQAIAV
		Directon rac		Inidiybib	11		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQA1AW
		Dilution Fac	tor: 1	Analysis	Time: 05:15		
Lead	ND	1.0	uq/L	MCAWW	200.8	08/18-08/23/06	JCHQA1AX
		Dilution Fac	tor: 1	Analysis	Time: 05:15		
Manganese	350	1.0	uq/L	MCAWW	200.8	08/18-08/23/06	JCHOA1A0
		Dilution Fac	•		Time: 05:15	,	~
Selenium	12	5.0	ug/L	MCAMU	200.8	08/18-08/23/06	.TCHO3131
Setenting	12	Dilution Fac	=		Time: 05:15	08/18-08/23/00	OCHQAIAI
				-			
Prep Batch #	- 6229505						
Calcium	100000	200	uq/L	MCAWW	200.7	08/18-08/22/06	JCHQA1A2
		Dilution Fac	٠.	Analysis	Time: 17:40		
Iron	ND	100	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQA1A3
		Dilution Fac	tor: 1	Analysis	: Time: 17:40		
Magnesium	69000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQA1AA
		Dilution Fac	tor: 1	Analysis	: Time: 17:40		
Potassium	4700	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQA1AC
		Dilution Fac	tor: 1	Analysis	: Time: 17:40		
Sodium	350000	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQA1AD
		Dilution Fac	tor: 1	Analysis	Time: 17:40		

Client Sample ID: TYB-6S93W-3

TOTAL Metals

Lot-Sample #...: D6H160420-015 Matrix....: WATER

Date Sampled...: 08/15/06 10:30 Date Received..: 08/16/06

Date Danpiour.	. 00/10/00 1	2000 1		. 00, 20,			
		REPORTING	ţ			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
Prep Batch #	: 6229494						
Arsenic	ND	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1AT
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Barium	16	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1AU
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Cadmium	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1AV
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Chromium	ND	3.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1AW
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Lead	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1AX
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Manganese	ND	1.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1A0
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Selenium	7.5	5.0	ug/L	MCAWW	200.8	08/18-08/23/06	JCHQF1A1
		Dilution Fact	or: 1	Analysis	Time: 05:19		
Prep Batch #	: 6229505						
Calcium	150000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQF1A2
		Dilution Fact	or: 1	Analysis	Time: 17:46		
Iron	ND	100	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQF1A3
		Dilution Fact	or: 1	Analysis	Time: 17:46		
Magnesium	99000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQF1AA
		Dilution Facto	or: 1	Analysis	Time: 17:46		
Potassium	ND	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQF1AC
		Dilution Fact	or: 1	Analysis	Time: 17:46		
Sodium	110000	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQF1AD
		Dilution Facto	or: 1	Analysis	Time: 17:46		

Client Sample ID: SILLS-5S93W-36

TOTAL Metals

Lot-Sample #...: D6H160420-016 Matrix....: WATER

Date Sampled...: 08/15/06 13:00 Date Received..: 08/16/06

-						
		REPORTING			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #.	- 6229494					
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHQH1AT
		Dilution Fact	-	Analysis Time: 05:2	3	
Barium	6.1	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHQH1AU
		Dilution Fact	tor: 1	Analysis Time: 05:2	3	
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHQH1AV
		Dilution Fact	or: 1	Analysis Time: 05:2	3	
Chromium	ND	3.0	uq/L	MCAWW 200.8	08/18-08/23/06	JCHQH1AW
		Dilution Fact	or: 1	Analysis Time: 05:2	3	
Lead	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHQH1AX
		Dilution Fact	or: 1	Analysis Time: 05:2	3	
Manganese	8.8	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	ЈСНОН1А0
-		Dilution Fact	or: 1	Analysis Time: 05:2	3	
Selenium	7.3	5.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCHQH1A1
		Dilution Fact	cor: 1	Analysis Time: 05:2	3	
Prep Batch #.						
Calcium	27000	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQH1A2
		Dilution Fact	cor: 1	Analysis Time: 17:5	2	
Iron	140	100	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQH1A3
		Dilution Fact	tor: 1	Analysis Time: 17:5	2	
Magnesium	33000	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQH1AA
		Dilution Fact	tor: 1	Analysis Time: 17:5	2	
Potassium	ND	3000	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQH1AC
		Dilution Fact	or: 1	Analysis Time: 17:5	2	
Sodium	740000	5000	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQH1AD
		Dilution Fact	cor: 1	Analysis Time: 17:5	2	

Client Sample ID: PATR-5S92W-28

TOTAL Metals

Lot-Sample #...: D6H160420-017 Matrix....: WATER

Date Sampled...: 08/15/06 16:45 Date Received..: 08/16/06

		REPORTI	REPORTING			WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
Prep Batch #.	: 6229494					
Arsenic	ND	10	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1AT
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Barium	10	2.0	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1AU
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Cadmium	ND	2.0	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1AV
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Chromium	ND	6.0	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1AW
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Lead	ND	2.0	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1AX
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Manganese	5.0	2.0	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1A0
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Selenium	67	10	ug/L	MCAWW 200.8	08/18-08/25/06	JCHQJ1A1
		Dilution Fac	ctor: 2	Analysis Time: 00:0	9	
Prep Batch #	6229505					
Calcium	63000	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQJ1A2
		Dilution Fac	ctor: 1	Analysis Time: 17:5	8	
Iron	200	100	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQJ1A3
		Dilution Fac	ctor: 1	Analysis Time: 17:5	8	
Magnesium	71000	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQJ1AA
		Dilution Fac	ctor: 1	Analysis Time: 17:5	8	
Potassium	ND	3000	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQJ1AC
		Dilution Fac	ctor: 1	Analysis Time: 17:5	8	
Sodium	1200000	5000	ug/L	MCAWW 200.7	08/18-08/22/06	JCHQJ1AD
		Dilution Fac	ctor: 1	Analysis Time: 17:5	8	

Client Sample ID: BROW-5S92W-32

TOTAL Metals

Lot-Sample #...: D6H160420-018 Matrix....: WATER

Date Sampled...: 08/15/06 18:15 Date Received..: 08/16/06

_							
		REPORTING				PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHO:	D	ANALYSIS DATE	ORDER #
D D-+	6000404						
Prep Batch # Arsenic	.: 6229494 10	10	ug/L	мсаши	200.8	08/18-08/25/06	JCHOK1 AT
AISCIIC	10	Dilution Fact			Time: 00:13	08/10 00/25/00	OCHQRII
		DITUCION FACE	OI: Z	Anarysis	11me 00.15		
Barium	9.0	2.0	uq/L	MCAWW	200.8	08/18-08/25/06	JCHQK1AU
		Dilution Fact	-	Analysis	Time: 00:13		
				_			
Cadmium	ND	2.0	ug/L	MCAWW	200.8	08/18-08/25/06	JCHQK1AV
		Dilution Fact	or: 2	Analysis	Time: 00:13		
Chromium	ND	6.0	ug/L	MCAWW	200.8	08/18-08/25/06	JCHQK1AW
		Dilution Fact	or: 2	Analysis	Time: 00:13		
			4			00/10 00/05/05	TOTION 3 W
Lead	2.2	2.0	ug/L		200.8	08/18-08/25/06	JCHQKIAX
		Dilution Fact	or: 2	Analysis	Time: 00:13		
Manganaga	270	2.0	uq/L	мсаши	200.8	08/18-08/25/06	TCHOK 1 AO
Manganese	270	Dilution Fact	5.		Time: 00:13	00/10 00/25/00	OCHQUILLO
		Dilucion Fact	.01. 2	Andrysis	11me 00.13		
Selenium	220	10	uq/L	MCAWW	200.8	08/18-08/25/06	JCHOK1A1
		Dilution Fact	٠,	Analysis	Time: 00:13		
				_			
Prep Batch #	: 6229505						
Calcium	130000	200	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQK1A2
		Dilution Fact	or: 1	Analysis	Time: 18:22		
_			/-		000 5	00/10 00/00/00	70110171 7 2
Iron	ND	100	ug/L		200.7	08/18-08/22/06	J CHQK LA3
		Dilution Fact	or: 1	Analysis	Time: 18:22		
Magnesium	65000	200	uq/L	MCZWW	200.7	08/18-08/22/06	JCHOK1AA
Magnesium	03000	Dilution Fact			Time: 18:22	00,20 00,22,00	O CARELLIA
		Directon rect	.01. 1	raidiybib			
Potassium	7200	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQK1AC
		Dilution Fact	J -	Analysis	Time: 18:22	•	
				-			
Sodium	1300000	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCHQK1AD
		Dilution Fact	or: 1	Analysis	Time: 18:22		

Client Sample ID: ALESSANDRO-6S92W-1

General Chemistry

Lot-Sample #...: D6H160420-001

Work Order #...: JCHPJ

Matrix....: WATER

Date Sampled...: 08/14/06 11:15 Date Received..: 08/16/06

PARAMETER	RESULT	\mathtt{RL}	UNITS	METHOI	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.9	0.10	No Units	MCAWW	150.1	08/17/06	6229594
		Dilution Facto	or: 1	Analysis	Time: 09:46		
Bicarbonate, as CaCO	470	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L		300.0A	08/16/06	6230212
		Dilution Facto	or: 1	Analysis	Time: 20:51		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/23/06	6236135
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	25	3.0	mg/L	MCAWW	300.0A	08/16/06	6230207
		Dilution Facto	or: 1	Analysis	Time: 20:51		
Fluoride	2.5	0.50	mg/L	=	300.0A	08/16/06	6230208
		Dilution Facto	or: 1	Analysis	Time: 20:51		
Nitrate	0.81	0.50	mg/L	MCAWW	300.0A	08/16/06	6230209
		Dilution Facto	or: 1	Analysis	Time: 20:51		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16/06	6230210
		Dilution Facto	or: 1	Analysis	Time: 20:51		
Sulfate	430 Q	50	mg/L	MCAWW	300.0A	08/24-08/25/06	6240167
		Dilution Facto	or: 10	Analysis	Time: 13:27		
Total Dissolved Solids	1200	10	mg/L	MCAWW	160.1	08/21/06	6233340
		Dilution Facto	or: 1	Analysis	Time: 11:00		

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: SPAULDING-5S92W-34

General Chemistry

Lot-Sample #...: D6H160420-002 Work Order #...: JCHPN Matrix....: WATER

Date Sampled...: 08/14/06 16:30 Date Received..: 08/16/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI)	ANALYSIS DATE	BATCH #
рн	8.3	0.10	No Units	MCAWW	150.1	08/17/06	6229594
		Dilution Facto	or: 1	Analysis	Time: 09:49		
Bicarbonate, as CaCO	360	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/16/06	6230212
		Dilution Facto	•	Analysis	Time: 21:38		
Gardanaha an GaGOO	NTO	F 0	/T	NACON ESTE	210 1	00/02/06	C22C12E
Carbonate, as CaCO3	ND	5.0 Dilution Factor	mg/L		310.1 Time: 10:00	08/23/06	6236135
		DITUCION FACE	or: I	Anarysis	TIMe: 10:00		•
Chloride	13	3.0	mg/L	MCAWW	300.0A	08/16/06	6230207
		Dilution Facto	or: 1	Analysis	Time: 21:38		
							
Fluoride	0.96	0.50	mg/L		300.0A	08/16/06	6230208
		Dilution Facto	or: 1	Analysis	Time: 21:38		
Nitrate	1.0	0.50	mg/L	MCAWW	300.0A	08/16/06	6230209
		Dilution Facto	or: 1	Analysis	Time: 21:38		
Nitrite	ND	0.50	mg/L	MCZMW	300.0A	08/16/06	6230210
Wiciico	1412	Dilution Facto	-		Time: 21:38	00/10/00	0250210
			O1. I	111017010	11		
Sulfate	460 Q	5 0	mg/L	MCAWW	300.0A	08/21-08/22/06	6234521
		Dilution Facto	or: 10	Analysis	Time: 04:25		
Total Dissolved	1000	10	mor/T	MC'A Tatta	160.1	08/21/06	6233340
Solids	TOOO	10	mg/L	IJCAWW	T00.T	00/21/00	UZ3334U
		Dilution Facto	or: 1	Analysis	Time: 11:00		

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: BARRIE-5S92W-35

General Chemistry

Lot-Sample #...: D6H160420-003 Work Order #...: JCHPP Matrix.....: WATER

Date Sampled...: 08/14/06 18:30 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	8.0	0.10 Dilution Facto	No Units	MCAWW 150.1 Analysis Time: 09:5	08/17/06	6229594
Bicarbonate, as CaCO	310	5.0	mg/L	MCAWW 310.1	08/23/06	6236134
	1	Dilution Facto	or: 1	Analysis Time: 10:0	0	
Bromide	1.5 G	0.40 Dilution Facto	mg/L or: 2	MCAWW 300.0A Analysis Time: 21:5	08/16/06 4	6230212
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L or: 1	MCAWW 310.1 Analysis Time: 10:0	08/23/06	6236135
Chloride	930 Q	150 Dilution Facto	mg/L or: 50	MCAWW 300.0A Analysis Time: 04:4	08/21-08/22/06	6234522
Fluoride	2.1 G	1.0 Dilution Facto	mg/L or: 2	MCAWW 300.0A Analysis Time: 21:5	08/16/06	6230208
Nitrate	11 Q	1.0 Dilution Facto	mg/L or: 2	MCAWW 300.0A Analysis Time: 21:5	08/16/06 4	6230209
Nitrite	ND G	1.0 Dilution Facto	mg/L or: 2	MCAWW 300.0A Analysis Time: 21:5	08/16/06 4	6230210
Sulfate	1100 Q	250 Dilution Facto	mg/L or: 50	MCAWW 300.0A Analysis Time: 04:4	08/21-08/22/06	6234521
Total Dissolved Solids	3400 Q	20	mg/L	MCAWW 160.1	08/21/06	6233340
	1	Dilution Facto	or: 2	Analysis Time: 11:0	0	

RL Reporting Limit

 $^{\,}G\,\,$ Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: WARD-5S92W-32

General Chemistry

Lot-Sample #...: D6H160420-004 Work Order #...: JCHPQ Matrix....: WATER

Date Sampled...: 08/15/06 11:10 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	8.0	0.10 Dilution Fact	No Units		150.1 Time: 09:55	08/17/06	6229594
Bicarbonate, as CaCO	240	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Bromide	0.23	0.20	mg/L		300.0A	08/16/06	6230212
		Dilution Fact	or: 1	Analysis	Time: 22:10		
Carbonate, as CaCO3	ND	5.0	mg/L		310.1	08/23/06	6236135
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Chloride	78 Q	6.0	mg/L		300.0A	08/24-08/25/06	6240169
		Dilution Fact	or: 2	Analysis	Time: 13:43		
Fluoride	0.95	0.50	mg/L	MCAWW	300.0A	08/16/06	6230208
		Dilution Fact	or: 1	Analysis	Time: 22:10		
Nitrate	18 Q	1.0	mg/L	MCAWW	300.0A	08/16-08/17/06	6230209
		Dilution Facto	or: 2	Analysis	Time: 09:29		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16/06	6230210
		Dilution Fact	or: 1	Analysis	Time: 22:10		
Sulfate	690 Q	100	mg/L	MCAWW	300.0A	08/24-08/25/06	6240167
		Dilution Facto	or: 20	Analysis	Time: 13:58		
Total Dissolved Solids	1500	10	mg/L	MCAWW	160.1	08/21/06	6233501
		Dilution Facto	or: 1	Analysis	Time: 15:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: THOMAS-5S92W-26

General Chemistry

Lot-Sample #...: D6H160420-005 Work Order #...: JCHPT Matrix....: WATER

Date Sampled...: 08/15/06 13:30 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.4	0.10 Dilution Factor	No Units		150.1 Time: 10:01	08/17/06	6229594
Bicarbonate, as CaCO	520	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	ND	0.20	mg/L or: 1		300.0A Time: 22:26	08/16/06	6230212
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L or: 1		310.1 Time: 10:00	08/23/06	6236135
Chloride	19	3.0 Dilution Facto	mg/L or: 1	MCAWW	300.0A Time: 22:26	08/16/06	6230207
Fluoride	0.66	0.50	mg/L	MCAWW	300.0A	08/16/06	6230208
		DITUCTOR FACCO)L: 1	Analysis	Time: 22:26		
Nitrate	0.64	0.50 Dilution Factor	mg/L or: 1		300.0A Time: 22:26	08/16/06	6230209
Nitrite	ND	0.50	mg/L or: 1		300.0A Time: 22:26	08/16/06	6230210
Sulfate	300 Q	50 Dilution Facto	mg/L		300.0A Time: 05:59	08/21-08/22/06	6234521
Total Dissolved	1000	10	mg/L		160.1	08/21/06	6233501
Solids		Dilution Facto	or: 1	Analysis	Time: 15:00		
NOTE(S).							

RL Reporting Limit

 $[\]ensuremath{\mathsf{Q}}$ $\ensuremath{\mathsf{Elevated}}$ reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: GULLY VENTURES-6S92W-9

General Chemistry

Lot-Sample #...: D6H160420-007 Work Order #...: JCHPW Matrix....: WATER

Date Sampled...: 08/15/06 17:30 Date Received..: 08/16/06

PARAMETER	RESULT	RL_	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн	7.5	0.10 Dilution Fact	No Units		150.1 Time: 10:02	08/17/06	6229594
Bicarbonate, as CaCO	440	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Fact	or: 1	Analysis	Time: 10:00		÷
Bromide	0.20	0.20	mg/L		300.0A	08/16/06	6230212
		Dilution Fact	or: 1	Analysis	Time: 22:41		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/23/06	6236135
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Chloride	55 Q	6.0	mg/L		300.0A	08/21-08/22/06	6234522
		Dilution Fact	or: 2	Analysis	Time: 06:15		
Fluoride	0.58	0.50	mg/L		300.0A	08/16/06	6230208
		Dilution Fact	or: 1	Analysis	Time: 22:41		
Nitrate	0.75	0.50	mg/L		300.0A	08/16/06	6230209
		Dilution Fact	or: 1	Analysis	Time: 22:41		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16/06	6230210
		Dilution Fact	or: 1	Analysis	Time: 22:41		
Sulfate	460 Q	50	mg/L	MCAWW	300.0A	08/21-08/22/06	6234521
		Dilution Fact	or: 10	Analysis	Time: 06:31		
Total Dissolved Solids	1200	10	mg/L	MCAWW	160.1	08/21/06	6233501
		Dilution Fact	or: 1	Analysis	Time: 15:00		
NOTE(S):							

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: RUSCH-6S92W-3

General Chemistry

Lot-Sample #...: D6H160420-008 Work Order #...: JCHPX Matrix....: WATER Date Sampled...: 08/15/06 19:35 Date Received..: 08/16/06

PARAMETER	RESULT	RL_	UNITS	METHO)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.3	0.10 Dilution Factor	No Units		150.1 Time: 10:05	08/17/06	6229594
Bicarbonate, as CaCO	390	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	0.68	0.20	mg/L	MCAWW	300.0A	08/16/06	6230212
		Dilution Facto	or: 1	Analysis	Time: 22:57		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/23/06	6236135
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	87 Q	6.0	mg/L	MCAWW	300.0A	08/21-08/22/06	6234522
		Dilution Facto	or: 2	Analysis	Time: 06:47		
Fluoride	1.3	0.50	mg/L	MCAWW	300.0A	08/16/06	6230208
		Dilution Facto	or: 1	Analysis	Time: 22:57		
Nitrate	1.0	0.50	mg/L	MCAWW	300.0A	08/16/06	6230209
		Dilution Facto	or: 1	Analysis	Time: 22:57		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16/06	6230210
		Dilution Facto	or: 1	Analysis	Time: 22:57		
Sulfate	530 Q	100	mg/L	MCAWW	300.0A	08/21-08/22/06	6234521
		Dilution Facto	or: 20	Analysis	Time: 07:03		
Total Dissolved Solids	1300	10	mg/L	MCAWW	160.1	08/21/06	6233501
		Dilution Facto	or: 1	Analysis	Time: 15:00		
NOTE (S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: PRADO-6S93W-2

General Chemistry

Lot-Sample #...: D6H160420-009 Work Order #...: JCHP0 Matrix.....: WATER Date Sampled...: 08/14/06 10:30 Date Received..: 08/16/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL_	UNITS	METHO	D	ANALYSIS DATE	BATCH #
							-
pн	8.4	0.10	No Units	MCAWW	150.1	08/17/06	6229594
		Dilution Fact	or: 1	Analysis	Time: 10:07		
Bicarbonate, as CaCO	370	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Bromide	0.25	0.20	mg/L	MCAWW	300.0A	08/16/06	6230212
		Dilution Fact	or: 1	Analysis	Time: 23:13		
Carbonate, as CaCO3	5.0	5.0	mg/L	MCAWW	310.1	08/23/06	6236135
		Dilution Fact	or: 1	Analysis	Time: 10:00		
Chloride	24	3.0	mg/L	MCAWW	300.0A	08/16/06	6230207
		Dilution Fact	or: 1	Analysis	Time: 23:13		
Fluoride	ND	0.50	mg/L	MCAWW	300.0A	08/16/06	6230208
		Dilution Fact	or: 1	Analysis	Time: 23:13		
Nitrate	1.2	0.50	mg/L	MCAWW	300.0A	08/16/06	6230209
•		Dilution Fact	or: 1	Analysis	Time: 23:13		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16/06	6230210
		Dilution Fact	or: 1	Analysis	Time: 23:13		
Sulfate	640 Q	100	mg/L	MCAWW	300.0A	08/21-08/22/06	6234521
		Dilution Fact	or: 20	Analysis	Time: 07:18		
Total Dissolved Solids	1300	10	mg/L	MCAWW	160.1	08/21/06	6233340
		Dilution Fact	or: 1	Analysis	Time: 11:00		
MOTE (C) -							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: COPE-6S93W-11

General Chemistry

Lot-Sample #...: D6H160420-010 Work Order #...: JCHP2 Matrix....: WATER Date Sampled...: 08/14/06 12:30 Date Received..: 08/16/06

PREP PREPARATION-BATCH # UNITS METHOD ANALYSIS DATE PARAMETER RESULT \mathtt{RL} 0.10 No Units MCAWW 150.1 08/17/06 6229594 7.5 рH Dilution Factor: 1 Analysis Time..: 10:08 Bicarbonate, as CaCO 510 5.0 mq/L MCAWW 310.1 08/23/06 6236134 3 Dilution Factor: 1 Analysis Time..: 10:00 mq/L 08/16-08/17/06 6230212 Bromide 0.32 0.20 MCAWW 300.0A Analysis Time..: 00:00 Dilution Factor: 1 08/23/06 Carbonate, as CaCO3 5.0 mq/L MCAWW 310.1 6236135 ND Analysis Time..: 10:00 Dilution Factor: 1 Chloride 160 Q 30 mq/L MCAWW 300.0A 08/21-08/22/06 6234522 Dilution Factor: 10 Analysis Time..: 07:34 08/16-08/17/06 6230208 Fluoride 0.71 0.50 mq/L MCAWW 300.0A Dilution Factor: 1 Analysis Time..: 00:00 2.2 0.50 mg/L MCAWW 300.0A 08/16-08/17/06 6230209 **Nitrate** Dilution Factor: 1 Analysis Time..: 00:00 Nitrite ND 0.50 mq/L MCAWW 300.0A 08/16-08/17/06 6230210 Analysis Time..: 00:00 Dilution Factor: 1 MCAWW 300.0A 08/21-08/22/06 6234521 Sulfate mq/L 420 O 50

Analysis Time..: 07:34

Analysis Time..: 11:00

MCAWW 160.1

08/21/06

6233340

Dilution Factor: 10

Dilution Factor: 1

mg/L

10

NOTE(S):

Solids

Total Dissolved

1400

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: MGD-6S93W-11

General Chemistry

Lot-Sample #...: D6H160420-011 Work Order #...: JCHP4 Matrix....: WATER

Date Sampled...: 08/14/06 15:00 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHOL)	PREPARATION- ANALYSIS DATE	PREP BATCH #
pН	7.3	0.10	No Units	MCAWW	150.1	08/17/06	6229594
	Di	ilution Facto	r: 1	Analysis Time: 10:09			
Bicarbonate, as CaCO	480	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
	Di	ilution Facto	r: 1	Analysis Time: 10:00			
Bromide	ND G	0.40 ilution Facto	mg/L r: 2		300.0A Time: 00:16	08/16-08/17/06	6230212
Carbonate, as CaCO3	ND Di	5.0 ilution Facto	mg/L r: 1	MCAWW Analysis	310.1 Time: 10:00	08/23/06	6236135
Chloride	150 Q	15 ilution Facto	mg/L r: 5		300.0A Time: 07:50	08/21-08/22/06	6234522
Fluoride	1.3 G	1.0 ilution Facto	mg/L r: 2		300.0A Time: 00:16	08/16-08/17/06	6230208
Nitrate	1.3 Q	1.0 ilution Facto	mg/L r: 2		300.0A Time: 00:16	08/16-08/17/06	6230209
Nitrite	ND G	1.0 ilution Facto	mg/L r: 2		300.0A Time: 00:16	08/16-08/17/06	6230210
Sulfate	1100 Q	250 ilution Facto	mg/L r: 50		300.0A Time: 08:38	08/21-08/22/06	6234521
Total Dissolved Solids	2300	10	mg/L	MCAWW	160.1	08/21/06	6233340
	Di	ilution Facto	r: 1	Analysis	Time: 11:00		

RL Reporting Limit

 $[\]ensuremath{\mathsf{G}}$. Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: KRIZ-6S93W-10

General Chemistry

Lot-Sample #...: D6H160420-013 Work Order #...: JCHP9 Matrix....: WATER Date Sampled...: 08/14/06 16:30 Date Received..: 08/16/06

PARAMETER	RESULT	RL RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рĦ	8.0	0.10 Dilution Factor	No Units		150.1 Time: 10:11	08/17/06	6229594
Bicarbonate, as CaCO	250	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis Time: 10:00			
Bromide	0.33	0.20	mg/L		300.0A	08/16-08/17/06	6230212
		Dilution Facto	or: 1	Analysis	Time: 00:32		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/23/06	6236135
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	240 Q	60	mg/L		300.0A	08/21-08/22/06	6234522
		Dilution Facto	or: 20	Analysis	Time: 08:53		
Fluoride	0.52	0.50	mg/L	MCAWW	300.0A	08/16-08/17/06	6230208
		Dilution Facto	or: 1	Analysis	Time: 00:32		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/16-08/17/06	6230209
		Dilution Facto	or: 1	Analysis	Time: 00:32		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16-08/17/06	6230210
		Dilution Facto	or: 1	Analysis	Time: 00:32		
Sulfate	840 Q	100	mg/L	MCAWW	300.0A	08/21-08/22/06	6234521
		Dilution Factor: 20		Analysis	Time: 08:53		
Total Dissolved Solids	1800	10	mg/L	MCAWW	160.1	08/21/06	6233340
		Dilution Facto	or: 1	Analysis	Time: 11:00		
NOTE (C)							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: FIELDS-6S93W-1

General Chemistry

Lot-Sample #...: D6H160420-014 Work Order #...: JCHQA Matrix....: WATER

Date Sampled...: 08/14/06 20:15 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.5	0.10 Dilution Facto	No Units		150.1 Time: 10:14	08/17/06	6229594
Bicarbonate, as CaCO	510	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis Time: 10:00			
Bromide	0.40	0.20	mg/L		300.0A	08/16-08/17/06	6230212
		Dilution Facto	or: 1	Analysis	Time: 00:48		
Carbonate, as CaCO3	ND	5.0	mg/L		310.1	08/23/06	6236135
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	150 Q	15	mg/L	MCAWW	300.0A	08/21-08/22/06	6234522
		Dilution Facto	or: 5	Analysis	Time: 09:09		
Fluoride	0.56	0.50	mg/L	MCAWW	300.0A	08/16-08/17/06	6230208
		Dilution Factor: 1		Analysis	Time: 00:48		
Nitrate	6.5	0.50	mg/L		300.0A	08/16-08/17/06	6230209
		Dilution Facto	or: 1	Analysis	Time: 00:48		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/16-08/17/06	6230210
		Dilution Factor: 1		Analysis	Time: 00:48		
Sulfate	540 Q	100	mg/L	MCAWW	300.0A	08/21-08/22/06	6234521
		Dilution Factor: 20		Analysis	Time: 09:25		
Total Dissolved Solids	1500	10	mg/L	MCAWW	160.1	08/21/06	6233340
		Dilution Factor: 1		Analysis	Time: 11:00		
MOUR (C).							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: TYB-6S93W-3

General Chemistry

Lot-Sample #...: D6H160420-015 Work Order #...: JCHQF Matrix.....: WATER

Date Sampled...: 08/15/06 10:30 Date Received..: 08/16/06

PARAMETER	RESULT	RL_	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.3	0.10 Dilution Factor	No Units		150.1 Time: 10:13	08/17/06	6229594
Bicarbonate, as CaCO	440	5.0	mg/L	-	310.1	08/23/06	6236134
•		Dilution Facto	lution Factor: 1		Time: 10:00		
Bromide	ND	0.20 Dilution Facto	mg/L or: 1		300.0A Time: 01:04	08/16-08/17/06	6230212
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L or: 1		310.1 Time: 10:00	08/23/06	6236135
Chloride	18	3.0 Dilution Factor	mg/L or: 1		300.0A Time: 01:04	08/16-08/17/06	6230207
Fluoride	1.0	0.50 Dilution Facto	mg/L or: 1		300.0A Time: 01:04	08/16-08/17/06	6230208
Nitrate	1.3	0.50 Dilution Facto	mg/L or: 1		300.0A Time: 01:04	08/16-08/17/06	6230209
Nitrite	ND	0.50	mg/L or: 1	_	300.0A Time: 01:04	08/16-08/17/06	6230210
Sulfate	560 Q	100 Dilution Facto	mg/L or: 20	MCAWW	300.0A Time: 09:41	08/21-08/22/06	6234521
Total Dissolved Solids	1300	10	mg/L	MCAWW	160.1	08/21/06	6233501
		Dilution Facto	or: 1	Analysis	Time: 15:00		
Month (a)							

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: SILLS-5S93W-36

General Chemistry

Lot-Sample #...: D6H160420-016 Work Order #...: JCHQH Matrix.....: WATER

Date Sampled...: 08/15/06 13:00 Date Received..: 08/16/06

						PREPARATION-	PREP
PARAMETER	RESULT	<u>RL</u>	UNITS	METHO!	D	ANALYSIS DATE	BATCH #
***		0.10			450.4	00/15/105	
рН	8.1	0.10	No Units		150.1	08/17/06	6229594
		Dilution Facto	or: 1	Analysis Time: 10:16			
Bicarbonate, as CaCO	620	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis Time: 10:00			
Bromide	ND G	0.40	mg/L	MCAWW	300.0A	08/16-08/17/06	6230212
		Dilution Facto	or: 2	Analysis	Time: 01:20		
Carbonate, as CaCO3	ND	5.0	mg/L		310.1	08/23/06	6236135
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Chloride	42 G	6.0	mg/L	MCAWW	300.0A	08/16-08/17/06	6230207
		Dilution Facto	or: 2	Analysis	Time: 01:20		
Fluoride	1.5 G	1.0	mg/L		300.0A	08/16-08/17/06	6230208
		Dilution Factor: 2		Analysis	Time: 01:20		
Nitrate	ND G	1.0	mq/L	MCAWW	300.0A	08/16-08/17/06	6230209
		Dilution Facto	or: 2	Analysis	Time: 01:20	, , ,	
				-			
Nitrite	ND G	1.0	mg/L	MCAWW	300.0A	08/16-08/17/06	6230210
		Dilution Facto	or: 2	Analysis	Time: 01:20		
G-7 5-4-			-				
Sulfate	1000 Q	250	mg/L		300.0A	08/21-08/22/06	6234521
		Dilution Facto	or: 50	Analysis	Time: 09:57		
Total Dissolved Solids	2200	10	mg/L	MCAWW	160.1	08/21/06	6233501
		Dilution Factor: 1		Analysis	Time: 15:00		
NOTE (C).							

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

 $[\]ensuremath{\mathsf{Q}}$ $\ensuremath{\mathsf{Elevated}}$ reporting limit. The reporting limit is elevated due to high analyte levels.

S.S. Papadopulos & Associates, Inc.

Client Sample ID: PATR-5S92W-28

General Chemistry

Lot-Sample #...: D6H160420-017 Work Order #...: JCHQJ Matrix....: WATER Date Sampled...: 08/15/06 16:45 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.7	0.10	No Units	MCAWW	150.1	08/17/06	6229594
_	I	Dilution Facto	r: 1	Analysis	Time: 10:17		
Bicarbonate, as CaCO	630	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
	Ε	Dilution Facto	r: 1	Analysis	Time: 10:00		
Bromide	0.62 G	0.40	mg/L	MCAWW	300.0A	08/16-08/17/06	6230212
	Ε	Dilution Facto	r: 2	Analysis	Time: 01:35		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/23/06	6236135
·	E	Dilution Facto	r: 1	Analysis	Time: 10:00		
Chloride	490 Q	30	mg/L	MCAWW	300.0A	08/21-08/22/06	6234522
	I	Dilution Facto	or: 10	Analysis	Time: 10:12		
Fluoride	1.5 G	1.0	mg/L	MCAWW	300.0A	08/16-08/17/06	6230208
	Γ	Dilution Facto	- -	Analysis	Time: 01:35		
Nitrate	1.6 G	1.0	mg/L	MCAWW	300.0A	08/16-08/17/06	6230209
	I	Dilution Facto	- ·	Analysis	Time: 01:35		
Nitrite	ND G	1.0	mq/L	MCAWW	300.0A	08/16-08/17/06	6230210
	Ī	Dilution Facto	٥.	Analysis	Time: 01:35		
Sulfate	1700 O	250	mq/L	MCAWW	300.0A	08/21-08/22/06	6234521
	~	Dilution Facto	•	Analysis	Time: 10:28		
Total Dissolved Solids	3700	10	mg/L	MCAWW	160.1	08/21/06	6233501
	r	Dilution Facto	or: 1	Analysis	Time: 15:00		

NOTE(S):

RL Reporting Limit

 $[\]mbox{\bf G}\mbox{ }$ Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

S.S. Papadopulos & Associates, Inc.

Client Sample ID: BROW-5S92W-32

General Chemistry

Lot-Sample #...: D6H160420-018 Work Order #...: JCHQK Matrix....: WATER Date Sampled...: 08/15/06 18:15 Date Received..: 08/16/06

PARAMETER	RESULT	RL	UNITS	METHOL)	PREPARATION- ANALYSIS DATE	PREP BATCH #
pН	7.6	0.10	No Units	MCAWW	150.1	08/17/06	6229594
•		Dilution Facto	or: 1	Analysis	Time: 10:15		
Bicarbonate, as CaCO	630	5.0	mg/L	MCAWW	310.1	08/23/06	6236134
		Dilution Facto	or: 1	Analysis	Time: 10:00		
Bromide	1.9 G	0.40 Dilution Factor	mg/L or: 2		300.0A Time: 01:51	08/16-08/17/06	6230212
Carbonate, as CaCO3	ND	5.0 Dilution Factor	mg/L or: 1	MCAWW Analysis	310.1 Time: 10:00	08/23/06	6236135
Chloride	330 Q	30 Dilution Factor	mg/L or: 10		300.0A Time: 12:35	08/21-08/22/06	6234522
Fluoride	ND G	1.0 Dilution Factor	mg/L or: 2		300.0A Time: 01:51	08/16-08/17/06	6230208
Nitrate	53 Q	25 Dilution Factor	mg/L or: 50		300.0A Time: 10:48	08/16-08/17/06	6230209
Nitrite	ND G	1.0 Dilution Factor	mg/L or: 2		300.0A Time: 01:51	08/16-08/17/06	6230210
Sulfate	1900 Q	250 Dilution Factor	mg/L or: 50		300.0A Time: 14:14	08/24-08/25/06	6240167
Total Dissolved Solids	4200 Q	20	mg/L	MCAWW	160.1	08/21/06	6233501
		Dilution Facto	or: 2	Analysis	Time: 15:00		

NOTE(S):

RL Reporting Limit

 $[\]mbox{\bf G}$ $\,$ Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

D6H160420

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
001	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6230207	6230130
	WATER	MCAWW 300.0A		6240167	6240137
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
002	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6230207	6230130
	WATER.	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A	•	6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
003	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230212	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	VAA7312
	WATER	SW846 8021B		6237251	6237202
	*********	211010 00211		023/231	020/202

D6H160420

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
003	WATER	RSK SOP-175		6233445	
004	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6240169	6240132
	WATER	MCAWW 300.0A		6240167	6240137
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
005	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6230207	6230130
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
006	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
007	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139

D6H160420

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
007	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	•
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
800	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
009	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6230207	6230130
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
010	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A	~	6234521	6235051

D6H160420

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
010	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
011	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
012	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
013	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	

D6H160420

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
		-			
014	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233340	6234374
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
015	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6230207	6230130
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
016	WATER	MCAWW 150.1		6229594	6231040
016	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	0227,577
	WATER	MCAWW 300.0A		6230207	6230130
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6233031
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230203	6230136
	WATER	MCAWW 300.0A		6230212	6230133
	WATER	MCAWW 200.8		6230210	6229372
	WATER	MCAWW 310.1		6229494	0223312
	WATER	SW846 8021B		6237251	6237202
	MATEK	DMO#O OUSTD		023 /23T	023/202

D6H160420

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
016	WATER	RSK SOP-175		6233445	
017	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6234521	6235051
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	
018	WATER	MCAWW 150.1		6229594	6231040
	WATER	MCAWW 160.1		6233501	6234377
	WATER	MCAWW 200.7		6229505	6229377
	WATER	MCAWW 310.1		6236135	
	WATER	MCAWW 300.0A		6234522	6235050
	WATER	MCAWW 300.0A		6240167	6240137
	WATER	MCAWW 300.0A		6230208	6230127
	WATER	MCAWW 300.0A		6230209	6230139
	WATER	MCAWW 300.0A		6230212	6230136
	WATER	MCAWW 300.0A		6230210	6230133
	WATER	MCAWW 200.8		6229494	6229372
	WATER	MCAWW 310.1		6236134	
	WATER	SW846 8021B		6237251	6237202
	WATER	RSK SOP-175		6233445	

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H160420

Work Order #...: JCTQ11AA

Matrix....: WATER

MB Lot-Sample #: D6H210000-445

Prep Date....: 08/18/06

Analysis Date..: 08/18/06

Dilution Factor: 1

Prep Batch #...: 6233445

Analysis Time..: 09:37

REPORTING

PARAMETER

RESULT

LIMIT

UNITS

Methane

ND

5.0

ug/L

RSK SOP-175

NOTE(S):

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H160420 Work Order #...: JCTQ11AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H210000-445 JCTQ11AD-LCSD

 Prep Date.....:
 08/18/06
 Analysis Date...
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time...
 09:27

Dilution Factor: 1

	PERCENT	RECOVERY	RPD	
PARAMETER	RECOVERY	LIMITS RP	D LIMITS	METHOD
Methane	90	(69 - 125)		RSK SOP-175
	76	(69 ~ 125) 17	(0-20)	RSK SOP-175
Ethane	92	(60 - 135)		RSK SOP-175
	78	(60 - 135) 16	(0-20)	RSK SOP-175
Ethene	96	(64 - 134)		RSK SOP-175
	82	(64 - 134) 15	(0-20)	RSK SOP-175
Acetylene	106	(60 - 120)		RSK SOP-175
	96	(60 - 120) 9.	7 (0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H160420 Work Order #...: JCTQ11AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H210000-445 JCTQ11AD-LCSD

 Prep Date....:
 08/18/06
 Analysis Date..:
 08/18/06

 Prep Batch #...:
 6233445
 Analysis Time..:
 09:27

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Methane	73.0	65.9	ug/L	90		RSK SOP-175
	73.0	55.8	ug/L	76	17	RSK SOP-175
Ethane	137	126	ug/L	92		RSK SOP-175
	137	108	ug/L	78	16	RSK SOP-175
Ethene	127	122	ug/L	96		RSK SOP-175
	127	104	ug/L	82	15	RSK SOP-175
Acetylene	118	125	ug/L	106		RSK SOP-175
	118	113	ug/L	96	9.7	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H160420

Work Order #...: JC6R01AA

Matrix..... WATER

MB Lot-Sample #: D6H250000-251

Prep Date....: 08/23/06
Prep Batch #...: 6237251

Analysis Time..: 10:59

Analysis Date..: 08/23/06

Dilution Factor: 1

		REPORTII	NG	
PARAMETER	RESULT	LIMIT	UNITS	METHOD
Benzene	ND	0.50	ug/L	SW846 8021B
Ethylbenzene	ND	0.50	ug/L	SW846 8021B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B
Toluene	ND	0.50	ug/L	SW846 8021B
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B
o-Xylene	ND	0.50	ug/L	SW846 8021B
Xylenes (total)	ND	0.50	ug/L	SW846 8021B
	PERCENT	RECOVER	Y	
SURROGATE	RECOVERY	LIMITS		
<pre>a,a,a-Trifluorotoluene (TFT)</pre>	96	(85 - 13	15)	

NOTE(S):

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H160420 Work Order #...: JC6R01AC-LCS Matrix.....: WATER

LCS Lot-Sample#: D6H250000-251 JC6R01AD-LCSD

 Prep Date.....:
 08/23/06
 Analysis Date...:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 09:49

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	110	(75 - 117)			SW846 8021B
	106	(75 - 117)	3.8	(0-45)	SW846 8021B
Ethylbenzene	104	(79 - 115)			SW846 8021B
	101	(79 ~ 115)	3.1	(0-46)	SW846 8021B
Chlorobenzene	99	(81 - 115)			SW846 8021B
	96	(81 - 115)	2.7	(0-35)	SW846 8021B
Toluene	104	(77 - 115)			SW846 8021B
	100	(77 - 115)	3.8	(0-45)	SW846 8021B
Xylenes (total)	103	(79 - 116)			SW846 8021B
	100	(79 - 116)	3.4	(0-46)	SW846 8021B
1,3-Dichlorobenzene	102	(80 - 115)			SW846 8021B
	100	(80 - 115)	1.3	(0-35)	SW846 8021B
1,4-Dichlorobenzene	104	(79 - 115)			SW846 8021B
	102	(79 - 115)	2.1	(0-35)	SW846 8021B
1,2-Dichlorobenzene	101	(80 - 115)			SW846 8021B
	99	(80 - 115)	2.0	(0-35)	SW846 8021B
		PERCENT	RECOV	ERY	
SURROGATE		RECOVERY	LIMIT	'S	
a,a,a-Trifluorotoluene (TFT)		96	(85 -	115)	
(,		93	(85 -	115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H160420 Work Order #...: JC6R01AC-LCS Matrix.....: WATER

LCS Lot-Sample#: D6H250000-251 JC6R01AD-LCSD

 Prep Date....:
 08/23/06
 Analysis Date..:
 08/23/06

 Prep Batch #...:
 6237251
 Analysis Time..:
 09:49

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	TUUOMA	TRUOMA	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	22.1	ug/L	110		SW846 8021B
	20.0	21.2	ug/L	106	3.8	SW846 8021B
Ethylbenzene	20.0	20.8	ug/L	104		SW846 8021B
	20.0	20.1	ug/L	101	3.1	SW846 8021B
Chlorobenzene	20.0	19.8	ug/L	99		SW846 8021B
	20.0	19.3	ug/L	96	2.7	SW846 8021B
Toluene	20.0	20.8	ug/L	104		SW846 8021B
	20.0	20.1	ug/L	100	3.8	SW846 8021B
Xylenes (total)	60.0	62.1	ug/L	103		SW846 8021B
	60.0	60.0	ug/L	100	3.4	SW846 8021B
1,3-Dichlorobenzene	20.0	20.3	ug/L	102		SW846 8021B
	20.0	20.0	ug/L	100	1.3	SW846 8021B
1,4-Dichlorobenzene	20.0	20.8	ug/L	104		SW846 8021B
	20.0	20.4	ug/L	102	2.1	SW846 8021B
1,2-Dichlorobenzene	20.0	20.3	ug/L	101		SW846 8021B
	20.0	19.9	ug/L	99	2.0	SW846 8021B
			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS		
a,a,a-Trifluorotoluene			96	(85 - 115	<u>, </u>	
(TFT)			90	(00 - 110	,	
			93	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H160420 Work Order #...: JCHPJ1DJ-MS Matrix.....: WATER

MS Lot-Sample #: D6H160420-001 JCHPJ1DK-MSD

 Date Sampled...:
 08/14/06
 11:15
 Date Received...:
 08/16/06

 Prep Date....:
 08/23/06
 Analysis Date...:
 08/24/06

 Prep Batch #...:
 6237251
 Analysis Time...:
 10:33

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	115	(75 - 117)			SW846 8021B
	103	(75 - 117)	1.1	(0-45)	SW846 8021B
Ethylbenzene	108	(79 - 115)			SW846 8021B
	95	(79 - 115)	13	(0-46)	SW846 8021B
Chlorobenzene	102	(81 - 115)			SW846 8021B
	93	(81 - 115)	9.2	(0-35)	SW846 8021B
Toluene	108	(77 - 115)			SW846 8021B
	94	(77 - 115)	14	(0-45)	SW846 8021B
Xylenes (total)	107	(79 - 116)			SW846 8021B
	87	(79 - 116)	22	(0-46)	SW846 8021B
1,3-Dichlorobenzene	106	(80 - 115)			SW846 8021B
	96	(80 - 115)	9.4	(0-35)	SW846 8021B
1,4-Dichlorobenzene	106	(79 - 115)			SW846 8021B
	97	(79 - 115)	8.7	(0-35)	SW846 8021B
1,2-Dichlorobenzene	103	(80 - 115)			SW846 8021B
	97	(80 - 115)	6.0	(0-35)	SW846 8021B
		PERCENT		RECOVERY	
SURROGATE		RECOVERY		LIMITS	
a,a,a-Trifluorotoluene (TFT)		94		(85 - 115)
		95		(85 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H160420 Work Order #...: JCHPJ1DJ-MS Matrix..... WATER

MS Lot-Sample #: D6H160420-001 JCHPJ1DK-MSD

Date Sampled...: 08/14/06 11:15 Date Received..: 08/16/06 Prep Date....: 08/23/06 Analysis Date..: 08/24/06

Prep Batch #...: 6237251 **Analysis Time..:** 10:33

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCN	T	
PARAMETER	AMOUNT	AMT	TRUOMA	UNITS	RECVE	Y RPD	METHOD
Benzene	ND	20.0	23.0	ug/L	115		SW846 8021B
	ND	20.0	20.6	ug/L	103	11	SW846 8021B
Ethylbenzene	ND	20.0	21.6	ug/L	108		SW846 8021B
	ND	20.0	18.9	ug/L	95	13	SW846 8021B
Chlorobenzene	ND	20.0	20.5	ug/L	102		SW846 8021B
	ND	20.0	18.7	ug/L	93	9.2	SW846 8021B
Toluene	ND	20.0	21.7	ug/L	108		SW846 8021B
	ND	20.0	18.9	ug/L	94	14	SW846 8021B
Xylenes (total)	ND	60.0	64.5	ug/L	107		SW846 8021B
	ND	60.0	52.0	ug/L	87	22	SW846 8021B
1,3-Dichlorobenzene	ND	20.0	21.1	ug/L	106		SW846 8021B
	ND	20.0	19.2	ug/L	96	9.4	SW846 8021B
1,4-Dichlorobenzene	ND	20.0	21.2	ug/ь	106		SW846 8021B
	ND	20.0	19.5	ug/L	97	8.7	SW846 8021B
1,2-Dichlorobenzene	ND	20.0	20.5	ug/L	103		SW846 8021B
	ND	20.0	19.3	ug/L	97	6.0	SW846 8021B
		F	ERCENT		RECOVERY		
SURROGATE		R	ECOVERY	•	LIMITS		
a,a,a-Trifluorotoluene (TFT)	_	9	14		(85 - 11	5)	
		9	15		(85 - 11	5)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #: D6H160420	Matrix: WATER
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		REPORTIN	G		PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOD	ANALYSIS DATE	ORDER #
MB Lot-Sample	#: D6H170000	_		6229494		
Arsenic	ND	5.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCLC81AC
		Dilution Fact	cor: 1			
		Analysis Time	e: 04:22			
Barium	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCLC81AD
		Dilution Fact	tor: 1			
	•	Analysis Time	e: 04:22			
Cadmium	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCLC81AF
		Dilution Fact	-		, , . , ,	
		Analysis Time	e: 04:22			
		•				
Chromium	ND	3.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCLC81AG
		Dilution Fact	or: 1			
		Analysis Time	e: 04:22			
Lead	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCLC81AK
		Dilution Fact	or: 1			
		Analysis Time	9: 04:22			
Manganese	ND	1.0	ug/L	MCAWW 200.8	08/18-08/23/06	TCT.C81AT.
		Dilution Fact	-	110111111 20010	00/10 00/25/00	CECCIII
		Analysis Time				
Selenium	ND	5.0	ug/L	MCAWW 200.8	08/18-08/23/06	JCLC81AP
		Dilution Fact	or: 1			
		Analysis Time	e: 04:22			
MB Lot-Sample	#: D6H170000	-505 Prep B	atch #:	6229505		
Calcium	ND	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCLFD1AA
		Dilution Fact	or: 1			
		Analysis Time	2: 15:46			
Iron	ND	100	ug/L	MCAWW 200.7	08/18-08/22/06	JCLFD1AC
		Dilution Fact	_			
		Analysis Time	2: 15:46			
Marine and	3 ***		l e-			
Magnesium	ND	200	ug/L	MCAWW 200.7	08/18-08/22/06	JCLFD1AD
		Dilution Fact				
		Analysis Time	2: 15:46			

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6H160420

Matrix..... WATER

		REPORTII	NG			PREPARATION-	WORK
PARAMETER	RESULT	LIMIT	UNITS	METHOI)	ANALYSIS DATE	ORDER #
Potassium	ND	3000	ug/L	MCAWW	200.7	08/18-08/22/06	JCLFD1AE
		Dilution Fac	ctor: 1				
		Analysis Tim	ne: 15:46				
Sodium	ND	5000	ug/L	MCAWW	200.7	08/18-08/22/06	JCLFD1AF
•		Dilution Fac	ctor: 1				
		Analysis Tim	ne: 15:46				

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #:	D6H160420			Matrix	: WATER
PARAMETER		RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: Arsenic		(89 - 111)	MCAWW 200.8	0494 08/18-08/23/06 Lysis Time: 04:25	JCLC81A0
Barium	99			08/18-08/23/06 Lysis Time: 04:25	JCLC81A1
Cadmium	99			08/18-08/23/06 Lysis Time: 04:25	JCLC81A3
Chromium	108			08/18-08/23/06 Lysis Time: 04:25	JCLC81A4
Lead	94			08/18-08/23/06 Lysis Time: 04:25	JCLC81A7
Manganese	109			08/18-08/23/06 Lysis Time: 04:25	JCLC81A8
Selenium	94			08/18-08/23/06 Lysis Time: 04:25	JCLC81CC
LCS Lot-Sample#:	D6H170000-	505 Prep Bat	t ch #: 6229	9505	
Calcium		(90 - 111)	MCAWW 200.7	08/18-08/22/06 Lysis Time: 15:52	JCLFD1AG
Iron	99			08/18-08/22/06 ysis Time: 15:52	JCLFD1AH
Magnesium	98			08/18-08/22/06 ysis Time: 15:52	JCLFD1AJ
Potassium	103	(89 - 114) Dilution Factor	MCAWW 200.7 r: 1 Anal	08/18-08/22/06 ysis Time: 15:52	JCLFD1AK
Sodium	103	(90 - 117) Dilution Factor		08/18-08/22/06 ysis Time: 15:52	JCLFD1AL
NOTE(S):					

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #	#: D6H	1160420				Matrix:	WATER
PARAMETER	SPIKE AMOUNT	MEASUR AMOUNT		PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sam	ole#: D6F	1170000-	494 Prep Bat	ch #	• 6229494		
Arsenic	40.0		ug/L	95	MCAWW 200.8	08/18-08/23/06	JCLC81A0
			Dilution Factor	: 1	Analysis Time:	04:25	
Barium	40.0	20 7	ug/L	00	MCATIN 200 0	08/18-08/23/06	TCT C017/1
Darran	40.0	39.7	Dilution Factor		Analysis Time:		UCHCOTAL
					- -		
Cadmium	40.0	39.5	ug/L			08/18-08/23/06	JCLC81A3
			Dilution Factor	:: 1	Analysis Time:	04:25	
Chromium	40.0	43.2	ug/L	108	MCAWW 200.8	08/18-08/23/06	JCLC81A4
			Dilution Factor		Analysis Time:		
			,				
Lead	40.0	37.5	ug/L			08/18-08/23/06	JCLC81A7
			Dilution Factor	:: 1	Analysis Time:	04:25	
Manganese	40.0	43.7	ug/L	109	MCAWW 200.8	08/18-08/23/06	JCLC81A8
			Dilution Factor	:: 1	Analysis Time:	04:25	
Selenium	40.0	27 0	ug/L	0.4	MCAITH OOO O	08/18-08/23/06	TGT G01 GG
perenium	40.0	37.0	ug/L Dilution Factor		Analysis Time:		2CTC81CC
			211401011 140001		indipolo ilmo		
			505 Prep Bat				
Calcium	50000	50200	=		MCAWW 200.7		JCLFD1AG
			Dilution Factor	:: 1	Analysis Time:	15:52	
Iron	1000	992	ug/L	99	MCAWW 200.7	08/18-08/22/06	JCLFD1AH
			Dilution Factor	: 1	Analysis Time:	15:52	
	F0000	40000	/-				
Magnesium	50000	49200	ug/L Dilution Factor		MCAWW 200.7 Analysis Time:	08/18-08/22/06	CLLDIAJ
			DITUCION FACCOL		Analysis lime:	15:52	
Potassium	50000	51600	ug/L	103	MCAWW 200.7	08/18-08/22/06	JCLFD1AK
			Dilution Factor	:: 1	Analysis Time:		
Sodium	50000	51700	ug/T	102	MCAWW 200.7	08/18-08/22/06	דר דרות זויי
Souran	20000	21/00	ug/L Dilution Factor	103	MCAWW 200.7 Analysis Time:		OCTULITATI
					indiana indiana.		
NOTE(S):							

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D6H160420 Matrix..... WATER

Date Sampled...: 08/16/06 14:15 Date Received..: 08/17/06

PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Sampl Arsenic	e #: D6H17 101 103	0174-001 Prep Batch # (79 - 120) (79 - 120) 0.93 (0-30) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1DM 08/18-08/23/06 JCJWV1DN
Barium	102 105	(83 - 118) (83 - 118) 1.0 (0-30) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1DP 08/18-08/23/06 JCJWV1DQ
Cadmium	93 94	(82 - 115) (82 - 115) 0.97 (0-30) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1DU 08/18-08/23/06 JCJWV1DV
Chromium	99 102	(80 - 124) (80 - 124) 2.6 (0-30) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1DW 08/18-08/23/06 JCJWV1DX
Lead	90 89	(79 - 119) (79 - 119) 0.80 (0-30) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1D4 08/18-08/23/06 JCJWV1D5
Manganese	109 121	(57 - 149) (57 - 149) 3.8 (0-35) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1D6 08/18-08/23/06 JCJWV1D7
Selenium	93 96	(64 - 134) (64 - 134) 3.4 (0-35) Dilution Factor: 1 Analysis Time: 05:48	MCAWW 200.8 MCAWW 200.8	08/18-08/23/06 JCJWV1ED 08/18-08/23/06 JCJWV1EE

NOTE(S):

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D6H160420 Matrix.....: WATER

Date Sampled...: 08/16/06 14:15 Date Received..: 08/17/06

PARAMETE	SAMPLE AMOUNT		MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOL)	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sa Arsenic	ample #:	D6H1701	74-001	Prep Batch ‡	‡: 62	29494	1			
TILDCITIC	36	40.0	76.8	ug/L	101		MCAWW	200.8	08/18-08/23/06	JCJWV1DM
	36	40.0	77.5	ug/L	103	0.93	MCAWW	200.8	08/18-08/23/06	
			Dilut	ion Factor: 1						
			Analy	sis Time: 05	:48					
Barium										
	73	40.0	114	ug/L	102		MCAWW		08/18-08/23/06	
	73	40.0	115	ug/L	105	1.0	MCAWW	200.8	08/18-08/23/06	JCJWV1DQ
				ion Factor: 1						
			Analy	sis Time: 05	:48					
Cadmium										
Cadilluli	ND	40.0	37.3	ug/L	93		MCAWW	200 8	08/18-08/23/06	.דכי.דאמניז דונו
	ND	40.0	37.7	ug/L	94	0.97	MCAWW		08/18-08/23/06	
	1112	40.0		ion Factor: 1	74	0.57	11011111	200.0	00/10 00/25/00	CCCNVIDV
				sis Time: 05	:48					
			-							
Chromium										
	4.0	40.0	43.6	ug/L	99		MCAWW	200.8	08/18-08/23/06	
	4.0	40.0	44.7	ug/L	102	2.6	MCAWW	200.8	08/18-08/23/06	JCJWV1DX
			Dilut	ion Factor: 1						
			Analy	sis Time: 05	:48					
- 1										
Lead	2.1	40.0	38.0	ug/L	90		MCAWW	200 0	08/18-08/23/06	.TC.TW771 D4
	2.1	40.0	37.7	ug/L ug/L	89	0 00	MCAWW		08/18-08/23/06	
	2.1	40.0		ion Factor: 1	6.7	0.00	PICAWW	200.0	00/10 00/25/00	OCOMVIDS
				sis Time: 05	:48					
Manganes	=									
	80	40.0	124	ug/L	109		MCAWW	200.8	08/18-08/23/06	JCJWV1D6
	80	40.0	128	ug/L	121	3.8	MCAWW	200.8	08/18-08/23/06	JCJWV1D7
			Dilut	ion Factor: 1						
			Analy	sis Time: 05	:48					
del endere										
Selenium	NTO	40.0	20 F	11 ~ /T	0.2		NACON TATES	200 0	08/18-08/23/06	דכי דאתניו פיי
	ND	40.0	38.5	ug/L ug/L	93 96	2 1	MCAWW MCAWW		08/18-08/23/06	
	ND	40.0	39.8	ug/L ion Factor: 1	70	3.4	MCAMM	200.8	00/10-08/23/06	OCOMATER
				sis Time: 05	- 4 8					
			Miary	DES TIME US	. 40					

NOTE(S):

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Matrix..... WATER

08/18-08/22/06 JCHPJ1CC

08/18-08/22/06 JCHPJ1CD

08/18-08/22/06 JCHPJ1CE

Date Sampled...: 08/14/06 11:15 Date Received..: 08/16/06 PERCENT RECOVERY RPD PREPARATION-WORK PARAMETER RECOVERY LIMITS RPD LIMITS METHOD ANALYSIS DATE ORDER # MS Lot-Sample #: D6H160420-001 Prep Batch #...: 6229505 Calcium 105 (90 - 111)MCAWW 200.7 08/18-08/22/06 JCHPJ1A4 99 (90 - 111) 3.3 (0-20) MCAWW 200.7 08/18-08/22/06 JCHPJ1A5 Dilution Factor: 1 Analysis Time..: 16:10 (89 - 116)Iron 100 08/18-08/22/06 JCHPJ1A6 MCAWW 200.7 97 (89 - 116) 2.9 (0-20)MCAWW 200.7 08/18-08/22/06 JCHPJ1A7 Dilution Factor: 1 Analysis Time..: 16:10 Magnesium 102 (92 - 113)MCAWW 200.7 08/18-08/22/06 JCHPJ1A8 99 (92 - 113) 2.8 (0-20) MCAWW 200.7 08/18-08/22/06 JCHPJ1A9 Dilution Factor: 1 Analysis Time..: 16:10 Potassium 110 (89 - 114)MCAWW 200.7 08/18-08/22/06 JCHPJ1CA

(0-20)

MCAWW 200.7

MCAWW 200.7

MCAWW 200.7

NOTE(S):

Sodium

Calculations are performed before rounding to avoid round-off errors in calculated results.

109

NC, MSB

NC, MSB

Client Lot #...: D6H160420

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

(90 - 117)

(90 - 117)

(89 - 114) 0.88 (0-20)

Dilution Factor: 1
Analysis Time..: 16:10

Dilution Factor: 1
Analysis Time..: 16:10

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #: D6H160420									ER	
	SAMPLE	SPIKE	MEASRD		PERCNT				PREPARATION-	WORK
PARAMETI	ER AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHO)	ANALYSIS DATE	ORDER #
MS Lot-S Calcium	Sample #:	D6H1604	20-001	Prep Batch	#: 6	22950	5			
	38000	50000	90400	ug/L	105			200.7	08/18-08/22/06	
	38000	50000	87400	ug/L	99	3.3	MCAWW	200.7	08/18-08/22/06	JCHPJ1A5
				cion Factor: 1 ysis Time: 16	-10					
			Allal	ysis Time: 16	:10					
Iron										
	240	1000	1250	ug/L	100		MCAWW	200.7	08/18-08/22/06	JCHPJ1A6
	240	1000	1210	ug/L	97	2.9	MCAWW	200.7	08/18-08/22/06	JCHPJ1A7
			Dilut	tion Factor: 1						
			Analy	ysis Time: 16	:10					
Magnesiu	ım									
nagnebro	16000	50000	67700	ug/L	102		MCAWW	200.7	08/18-08/22/06	TCHP,T1 A 8
	16000	50000	65800	ug/L	99	2.8	MCAWW		08/18-08/22/06	
			Dilut	ion Factor: 1						
			Analy	ysis Time: 16	:10					
5 .1										
Potassiu	ım ND	50000	56800	ug/L	110		NACIA SITU	200 7	00/10 00/00/00	TOUD T1 03
	ND	50000	56300	ug/L	109	0 00	MCAWW	200.7	08/18-08/22/06 08/18-08/22/06	
	112	50000		ion Factor: 1	100	0.00	PICAWW	200.7	00/10-00/22/00	UCMFUICC
				sis Time: 16	:10					
Sodium										
	380000	50000		ug/L			MCAWW	200.7	08/18-08/22/06	JCHPJ1CD
	200000	E0000		ifiers: NC,	MSB				22/12 22/22/22	
	380000	50000	Dilut	ug/L ifiers: NC,I ion Factor: 1 vsis Time: 16			MCAWW	200.7	08/18-08/22/06	JCHPJ1CE

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H160420

-					
		REPORTING		PREPARATION-	PREP
PARAMETER	RESULT	LIMIT UNITS	METHOD	ANALYSIS DATE	BATCH #
Bicarbonate, as C	acos ND	Work Order #: JC66R1AA 5.0 mg/L			C02C124
	ND	5.0 mg/L Dilution Factor: 1	MCAWW 310.1	08/23/06	6236134
		Analysis Time: 10:00			
Bromide		Work Order #: JCML21AA	MB Lot-Sample #:	D6H180000-212	
	ND	0.20 mg/L	MCAWW 300.0A	08/16/06	6230212
		Dilution Factor: 1			
		Analysis Time: 20:03			
Carbonate, as CaC	03	Work Order #: JC6631AA	MB Lot-Sample #:	D6H240000-135	
,	ND	5.0 mg/L	MCAWW 310.1	08/23/06	6236135
		Dilution Factor: 1			
		Analysis Time: 10:00			
Chloride		Morals Oredon # TONET DATE	MD Tab Camala II	D.C	
Ciroride	ND	Work Order #: JCMLR1AA 3.0 mg/L	MB LOT-Sample #: MCAWW 300.0A	08/16-08/22/06	6220207
	110	Dilution Factor: 1	MCAWW 300.0A	06/16-08/22/06	6230207
		Analysis Time: 04:09			
Chloride		Work Order #: JC0AJ1AA			
	ND	3.0 mg/L	MCAWW 300.0A	08/21-08/22/06	6234522
		Dilution Factor: 1 Analysis Time: 04:09			
		11101,111			
Chloride		Work Order #: JDAKW1AA	MB Lot-Sample #:	D6H280000-169	
	ND	3.0 mg/L	MCAWW 300.0A	08/24/06	6240169
		Dilution Factor: 1			
		Analysis Time. : 13:59			
Fluoride		Work Order #: JCMLL1AA	MB Lot-Sample #:	D6H180000-208	
	ND	0.50 mg/L	MCAWW 300.0A	08/16/06	6230208
		Dilution Factor: 1		,	
		Analysis Time: 20:03			•
Nitrate		Morals Ossesson H. TOMF FILES	MD 1-5 G	D.C	
NICIACE	ND	Work Order #: JCML71AA 0.50 mg/L	MCAWW 300.0A	08/16/06	6230209
	21.2	Dilution Factor: 1	HCAWW 500.0A	00/10/00	0230203
		Analysis Time: 20:03			
Nitrite	MD	Work Order #: JCMLW1AA	_		
	ND	0.50 mg/L	MCAWW 300.0A	08/16/06	6230210
		Dilution Factor: 1 Analysis Time: 20:03			

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6H160420

Matrix..... WATER REPORTING PREPARATION-PREP PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE BATCH # Sulfate Work Order #: JCOAK1AA MB Lot-Sample #: D6H220000-521 ND 5.0 mq/L MCAWW 300.0A 08/21-08/22/06 6234521 Dilution Factor: 1 Analysis Time..: 04:09 Sulfate Work Order #: JDAK71AA MB Lot-Sample #: D6H280000-167 ND 5.0 MCAWW 300.0A 08/24/06 mq/L 6240167 Dilution Factor: 1 Analysis Time..: 13:59 Total Dissolved Work Order #: JCXPN1AA MB Lot-Sample #: D6H210000-340 Solids ND10 mg/L MCAWW 160.1 08/21/06 6233340 Dilution Factor: 1 Analysis Time..: 11:00 Total Dissolved Work Order #: JCXP71AA MB Lot-Sample #: D6H210000-501 Solids ND 10 mg/L MCAWW 160.1 08/21/06 6233501 Dilution Factor: 1 Analysis Time..: 15:00

NOTE(S):

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Matrix..... WATER

Lot-Sample #:	.: D6H160420	
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	PERCENT	RECOVERY RPD PREPARATION- PREP	
PARAMETER	RECOVERY	LIMITS RPD LIMITS METHOD ANALYSIS DATE BATCH #	
pН		WO#:JCQM01AA-LCS/JCQM01AC-LCSD LCS Lot-Sample#: D6H170000-59	4
	100	(97 - 102) MCAWW 150.1 08/17/06 6229594	
	101	(97 - 102) 0.14 (0-5.0) MCAWW 150.1 08/17/06 6229594	
		Dilution Factor: 1 Analysis Time: 09:16	
Chloride		WOW. TGON TING T GG / TGON TIND T GGD T GG T G DCW0000000 F0	_
chroride	102	WO#:JC0AJ1AC-LCS/JC0AJ1AD-LCSD LCS Lot-Sample#: D6H220000-52 (90 - 110) MCAWW 300.0A 08/21-08/22/06 6234522	
	102	(90 - 110) MCAWW 300.0A 08/21-08/22/06 6234522 (90 - 110) 0.0 (0-10) MCAWW 300.0A 08/21-08/22/06 6234522	
	102	Dilution Factor: 1 Analysis Time: 03:53	
		·	
Chloride		WO#:JDAKW1AC-LCS/JDAKW1AD-LCSD LCS Lot-Sample#: D6H280000-16	9
	101	(90 - 110) MCAWW 300.0A 08/24/06 6240169	
	101	(90 - 110) 0.03 (0-10) MCAWW 300.0A 08/24/06 6240169	
		Dilution Factor: 1 Analysis Time: 13:27	
Sulfate		WO#:JC0AK1AC-LCS/JC0AK1AD-LCSD LCS Lot-Sample#: D6H220000-52	1
	103	(90 - 110) MCAWW 300.0A 08/21-08/22/06 6234521	
	102	(90 - 110) 0.39 (0-10) MCAWW 300.0A 08/21-08/22/06 6234521	
		Dilution Factor: 1 Analysis Time: 03:53	
G 3.5 I			_
Sulfate	100	WO#:JDAK71AC-LCS/JDAK71AD-LCSD LCS Lot-Sample#: D6H280000-16	
	102	(90 - 110) MCAWW 300.0A 08/24/06 6240167 (90 - 110) 0.43 (0-10) MCAWW 300.0A 08/24/06 6240167	
	102	(90 - 110) 0.43 (0-10) MCAWW 300.0A 08/24/06 6240167 Dilution Factor: 1 Analysis Time: 13:27	
Total Dissol [*] Solids	ved	WO#:JCXPN1AC-LCS/JCXPN1AD-LCSD LCS Lot-Sample#: D6H210000-34	0
	99	(86 - 106) MCAWW 160.1 08/21/06 6233340	
	100	(86 - 106) 1.6 (0-20) MCAWW 160.1 08/21/06 6233340	
		Dilution Factor: 1 Analysis Time: 11:00	
Total Dissol	ved	WO#:JCXP71AC-LCS/JCXP71AD-LCSD LCS Lot-Sample#: D6H210000-50	1
	100	(86 - 106) MCAWW 160.1 08/21/06 6233501	
	99	(86 - 106) 1.0 (0-20) MCAWW 160.1 08/21/06 6233501	
		Dilution Factor: 1 Analysis Time: 15:00	

NOTE(S):

 $N\quad \mbox{Spiked analyte recovery is outside stated control limits.}$

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Matrix..... WATER

Lot-Sample #...: D6H160420

roc-sambre	#: Dor	1100420	,				Mac.	LIA W.	7 T T717
	SPIKE	MEASU	JRED	PERCN	ľ			PREPARATION-	PREP
PARAMETER	AMOUNT	AMOUN	T UNITS	RECVR	RPD	METHO	Ď	ANALYSIS DATE	BATCH #
рн			WO#:JCQM01A	A-LCS/JO	QM01A	C-LCSD	LCS Lot-Sa	ample#: D6H17000	0-594
	7.00	7.03	No Unita	s 100		MCAWW	150.1	08/17/06	6229594
	7.00	7.04	No Unita	s 101	0.14	MCAWW	150.1	08/17/06	6229594
			Dilution Fac	ctor: 1		Analysis	Time: 09:16		
Chloride			WO#:JC0AJ1A	C-LCS/JO	COAJ1A	D-LCSD	LCS Lot-Sa	ample#: D6H22000	00-522
	25.0	25.4	mg/L	102			300.0A		6234522
	25.0	25.4	mg/L	102	0.0	MCAWW	300.0A	08/21-08/22/06	6234522
			Dilution Fac	ctor: 1		Analysis	Time: 03:53		
Chloride			WO#:JDAKW1A	C-LCS/JI				ample#: D6H28000	0-169
	25.0	25.3	mg/L	101		MCAWW	300.0A		6240169
	25.0	25.3	mg/L				300.0A		6240169
			Dilution Fac	ctor: 1		Analysis	Time: 13:27		
Sulfate				C-LCS/J	COAK1A			ample#: D6H22000	
	25.0	25.7	mg/L	103			300.0A		
	25.0	25.6	mg/L				300.0A		6234521
			Dilution Fac	ctor: 1		Analysis	Time: 03:53		
Sulfate				•	DAK71A			ample#: D6H28000	
	25.0	25.5	mg/L	102			300.0A	· · ·	
	25.0	25.6	mg/L	102			300.0A	08/24/06	6240167
			Dilution Fac	ctor: 1		Analysis	Time: 13:27	•	
Total Disso Solids	lved		WO#:JCXPN1A	C-LCS/JO	CXPN1A	D-LCSD	LCS Lot-Sa	ample#: D6H21000	00-340
	500	493	mg/L	99		MCAWW	160.1	08/21/06	6233340
	500	501	mg/L	100	1.6	MCAWW	160.1	08/21/06	6233340
			Dilution Fac	ctor: 1		Analysis	Time: 11:00		
Total Disso Solids	lved		WO#:JCXP71A	C-LCS/JO	CXP71A	D-LCSD	LCS Lot-Sa	ample#: D6H21000	00-501
	500	500	mg/L	100		MCAWW	160.1	08/21/06	6233501
	500	495	mg/L	99	1.0	MCAWW	160.1	08/21/06	6233501
			Dilution Fac	ctor: 1		Analysis	Time: 15:00		
•									

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

 $^{\,}N\,\,$ Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H160420

	PERCENT	RECOVERY	PREPARATION-	PREP
PARAMETER	RECOVERY	LIMITS METHOD	ANALYSIS DATE	BATCH #
Bromide		Work Order #: JCML21AC LCS Lot-	Sample#: D6H180000	-212
	100	(90 - 110) MCAWW 300.0A	08/16-08/17/06	6230212
		Dilution Factor: 1 Analysis Time	e: 02:23	
Chloride		Work Order #: JCMLR1AC LCS Lot-	Sample#: D6H180000	-207
	101	(90 - 110) MCAWW 300.0A	08/16-08/22/06	6230207
		Dilution Factor: 1 Analysis Time	e: 03:53	
Fluoride		Work Order #: JCMLL1AC LCS Lot-	Sample#: D6H180000	-208
	102	(90 - 110) MCAWW 300.0A	08/16-08/17/06	6230208
		Dilution Factor: 1 Analysis Time	e: 02:23	
Nitrate		Work Order #: JCML71AC LCS Lot-	Sample#: D6H180000	-209
	100	(90 - 110) MCAWW 300.0A	08/16-08/17/06	6230209
		Dilution Factor: 1 Analysis Time	2: 02:23	
Nitrite		Work Order #: JCMLW1AC LCS Lot-	Sample#: D6H180000	-210
	102	(90 - 110) MCAWW 300.0A	08/16-08/17/06	6230210
		Dilution Factor: 1 Analysis Time	2: 02:23	
(-)				

NOTE(S):

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H160420

PARAMETER Bromide	SPIKE AMOUNT 5.00	TRUOMA	UNITS Work Order #:	RECVRY JCML21	METHOD LAC LCS Lot-Sample MCAWW 300.0A Analysis Time: 02:	<u>ANALYSIS DATE</u> e#: D6H180000-2 08/16-08/17/06	<u>BATCH #</u> 12
Chloride	25.0	25.4	mg/L	101	Analysis Time: 03:	08/16-08/22/06	
Fluoride	5.00	5.12	mg/L	102	LAC LCS Lot-Sample MCAWW 300.0A Analysis Time: 02:	08/16-08/17/06	
Nitrate	5.00	5.01	mg/L	100	LAC LCS Lot-Sample MCAWW 300.0A Analysis Time: 02:	08/16-08/17/06	
Nitrite	5.00	5.10	mg/L	102	LAC LCS Lot-Sample MCAWW 300.0A Analysis Time: 02:	08/16-08/17/06	

NOTE(S):

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H160420 Matrix....: WATER

Date Sampled...: 08/14/06 11:30 Date Received..: 08/15/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS RPD	RPD LIMITS METHOD	PREPARATION- PREP ANALYSIS DATE BATCH #
Bromide				S Lot-Sample #: D6H160420-001
	100	(80 - 120)	MCAWW 300.0A	08/16/06 6230212
	105	(80 - 120) 4.2		08/16/06 6230212
		Dilution E		,,
			Pime: 21:07	
Chloride				3 Lot-Sample #: D6H150254-002
	106	(80 - 120)	MCAWW 300.0A	08/24/06 6240169
	107		9 (0-20) MCAWW 300.0A	08/24/06 6240169
		Dilution E Analysis T	Factor: 1	
Chloride				S Lot-Sample #: D6H160420-001
	100	(80 - 120)	MCAWW 300.0A	08/16/06 6230207
	105		(0-20) MCAWW 300.0A	08/16/06 6230207
		Dilution E		
		Analysis T	'ime: 21:07	
Chloride		WO#: JCH	PP1A4-MS/JCHPP1A5-MSD MS	S Lot-Sample #: D6H160420-003
	103	(80 - 120)	MCAWW 300.0A	08/21-08/22/06 6234522
	102	(80 - 120) 0.3	6 (0-20) MCAWW 300.0A	08/21-08/22/06 6234522
		Dilution E	actor: 1	
		Analysis T	?ime: 05:28	
Fluoride		WO#: JCH	PJ1C5-MS/JCHPJ1C6-MSD MS	S Lot-Sample #: D6H160420-001
	97	(80 - 120)	MCAWW 300.0A	08/16/06 6230208
	101	(80 - 120) 2.7	(0-20) MCAWW 300.0A	08/16/06 6230208
		Dilution E	actor: 1	
		Analysis T	?ime: 21:07	
Nitrate				S Lot-Sample #: D6H160420-001
	99	(80 - 120)	MCAWW 300.0A	08/16/06 6230209
	103	(80 - 120) 3.8	(0-20) MCAWW 300.0A	08/16/06 6230209
		Dilution F	actor: 1	
		Analysis T	ime: 21:07	
Nitrite		WO#: JCH	PJ1C9-MS/JCHPJ1DA-MSD MS	S Lot-Sample #: D6H160420-001
	101	(80 - 120)	MCAWW 300.0A	08/16/06 6230210
	106	(80 - 120) 4.0	(0-20) MCAWW 300.0A	08/16/06 6230210
		Dilution F		·
		Analysis T	'ime: 21:07	

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H160420 Matrix..... WATER

Date Sampled...: 08/14/06 11:30 Date Received..: 08/15/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #				
Sulfate		WO#:	JCDJ31A5-MS/	JCDJ31A6-MSD	MS Lot-Sample #: D6	H150254-002				
	105 I	(80 - 120)		MCAWW 300.0A	08/24/06	6240167				
	106 I	(80 - 120)	0.31 (0-20)	MCAWW 300.0A	08/24/06	6240167				
		Dilut	Dilution Factor: 1							
		Analy	sis Time: 18:1	.3						
Sulfate		WO#:	JCHPP1A6-MS/	JCHPP1A7-MSD	MS Lot-Sample #: D6	H160420-003				
	102	(80 - 120)		MCAWW 300.0A	08/21-08/22/06	6234521				
	102	(80 - 120)	0.29 (0-20)	MCAWW 300.0A	08/21-08/22/06	6234521				
		Dilut	ion Factor: 1							
		Analy	sis Time: 05:2	8						

NOTE(S):

I Estimated result. Result concentration exceeds the calibration range.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6H160420 Matrix..... WATER

Date Sampled...: 08/14/06 11:30 Date Received..: 08/15/06

	SAMPLE		MEASRD		PERCNT			PREPARATION-	PREP
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY		METHOD	ANALYSIS DATE	BATCH #
Bromide	NTD.	F 00		JCHPJ1DC-MS,		D-MS	_	le #: D6H160420	
	ND ND	5.00	5.17	mg/L	100		MCAWW 300.0A	08/16/06	6230212
	עמ	5.00	5.39	mg/L	105	4.2	MCAWW 300.0A	08/16/06	6230212
				lon Factor: 1	. =				
			Analys	sis Time: 21:	0'7				
Chloride			WO#:	JCDJ31A1-MS,	JCDJ31A	12-MS	D MS Lot-Samp	le #: D6H150254	-002
	13	25.0	39.7	mg/L	106		MCAWW 300.0A	08/24/06	6240169
	13	25.0	39.9	mg/L	107	0.69	MCAWW 300.0A	08/24/06	6240169
			Diluti	ion Factor: 1					
			Analys	sis Time: 18:	13				
Chloride			WO#:	JCHPJ1C7-MS/	JCHPJ1C	8-MSI	O MS Lot-Samp	le #: D6H160420	-001
	25	25.0	50.2	mg/L	100		MCAWW 300.0A	08/16/06	6230207
	25	25.0	51.4	mg/L	105	2.2	MCAWW 300.0A	08/16/06	6230207
			Diluti	on Factor: 1					
			Analys	sis Time: 21:0	07				
Chil and da			TTO!!	TG!!!	/ ======			- II	
Chloride	020	1050				15-MSI		le #: D6H160420	
	930	1250	2220	mg/L	103			08/21-08/22/06	
	930	1250	2210	mg/L	102	0.36	MCAWW 300.0A	08/21-08/22/06	6234522
				on Factor: 1					
			AHALYS	sis Time: 05:2	48				
Fluoride			WO#:	JCHPJ1C5-MS/	JCHPJ1C	6-MSI	MS Lot-Samp	le #: D6H160420	-001
	2.5	5.00	7.34	mg/L	97		MCAWW 300.0A	08/16/06	6230208
	2.5	5.00	7.54	mg/L	101	2.7	MCAWW 300.0A	08/16/06	6230208
			Diluti	on Factor: 1					
			Analys	sis Time: 21:0	07				
Nitrate			WO#:		JCHPJ1D	F-MSI	MS Lot-Samp	le #: D6H160420	-001
	0.81	5.00	5.76	mg/L	99		MCAWW 300.0A	08/16/06	6230209
	0.81	5.00	5.98	mg/L	103	3.8	MCAWW 300.0A	08/16/06	6230209
				on Factor: 1					
			Analys	is Time: 21:0	07				
Nitrite			WO#:	JCHPJ1C9-MS/	JCHPJ1D	A-MSI	O MS Lot-Samp	le #: D6H160420	-001
	ND	5.00	5.27	mg/L	101		MCAWW 300.0A	08/16/06	6230210
	ND	5.00	5.49	mg/L	106	4.0	MCAWW 300.0A	08/16/06	6230210
			Diluti	on Factor: 1				· •	
			Analys	is Time: 21:0)7				

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6H160420 Matrix.....: WATER

Date Sampled...: 08/14/06 11:30 Date Received..: 08/15/06

<u>PARAMETER</u>	SAMPLE AMOUNT		MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHO	D	PREPARATI ANALYSIS		PREP BATCH #
Sulfate			WO#:	JCDJ31A5-MS	/JCDJ312	46-MSI	MS 3	Lot-Samp.	Le #: D6H1	.50254·	-002
	28	25.0	54.2 I	mg/L	105		MCAWW	300.0A	08/24/	06	6240167
	28	25.0	54.4 I	mg/L	106	0.31	MCAWW	300.0A	08/24/	06	6240167
			Diluti	on Factor: 1							
			Analys	is Time: 18:	13						
Sulfate			WO#:	JCHPP1A6-MS	/JCHPP1	A7-MSI	MS 3	Lot-Samp	Le #: D6H1	.60420-	-003
	1100	1250	2360	mg/L	102		MCAWW	300.0A	08/21-08/	22/06	6234521
	1100	1250	2350	mg/L	102	0.29	MCAWW	300.0A	08/21-08/	22/06	6234521
			Diluti	on Factor: 1							
			Analys	is Time: 05:	28						

NOTE(S):

I Estimated result. Result concentration exceeds the calibration range.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H160420 Work Order #...: JCH3M-SMP Matrix.....: WATER

JCH3M-DUP

Date Sampled...: 08/16/06 13:00 Date Received..: 08/16/06

		DUPLICATE			RPD		PREPARATION-	PREP
PARAM	RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
рН						SD Lot-Sample #:	D6H160435-002	
	8.1	8.1	No Units	0.12	(0-5.0)	MCAWW 150.1	08/17/06	6229594
		ת	ilution Fact	or. 1	Δna	lucic Time · 10.23		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H160420

Work Order #...: JCDK5-SMP

Matrix....: WATER

JCDK5-DUP

Date Sampled...: 08/14/06 15:00 Date Received..: 08/15/06

	DUPLICATE			RPD		PREPARATION-	PREP
PARAM RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
Total Dissolved Solids			-	•	SD Lot-Sample #:	D6H150245-010	
230	240	mg/L	0.85	(0-20)	MCAWW 160.1	08/21/06	6233339
		Dilution Fac	tor: 1	Δna	alvsis Time . 11.00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H160420 Work Order #...: JCHPX-SMP

Matrix....: WATER

JCHPX-DUP

Date Sampled...: 08/15/06 19:35 Date Received..: 08/16/06

	DUPLICATE			RPD		PREPARATION-	PREP
PARAM RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
Total Dissolved Solids					SD Lot-Sample #:	D6H160420-008	
1300	1300	mg/L	0.55	(0-20)	MCAWW 160.1	08/21/06	6233501
	,	Dilution Fac	tor· 1	Δn	alvsis Time · 15·00		

Chain of Custody Record

		~	•				
Chain of Custody Record		ن چ چ	Simply Singly	S E Seve	TENT STL rn Trent Laboratories, Inc.	STL Denver 4955 Yarrow Street Arvada, CO 80002	•
S.S. PAPADOPULOS & ASSOC/COGCC	Project Manage	Project Manager	87		Date / 16/06	Chain of Custody Number 336670	7
1877 BecaDWAY, SUFFE 103	Telephone Num	4rea Cod 988	Fax Number		Lab Number ^t	Page of	
State Zip Code So 30 Z	Site Contact B. Grace Son		Lab Contact M. PHILEIRS	470E	Analysis (Attach list if more space is needed)		
Froject Name and Location (State) RADFIELD COUNTY SAMICING (CO)	Carrier/Waybill Number	49 Det		VOA CHO IONS	2000 12320 2) V	Special Instr	uctions/
Contract/Purchase Order/Quote No. 67286		Matrix	Containers & Preservatives	255. 1081 1750 8-An	1 /s/ 100.	Conditions of Receipt	' Receipt
Sample I.D. No. and Description (Containers for each sample may be combined on one line) Date	Time Air	Sed. Soil	Unpres. H2SO4 HNO3 HCI NaOH	ZnAc/ NaOH UNA 802 i2562	200 3(0 150,		
ALESSANDED-6582W-1 8/14/05	1115 7		1 3	7770	レソ・レン		
SPAUCOLNG-539ZW-34 8/14/06	1630 X		1 3	7779	7 7	AUSO CX	465.
BARRIE- 5592W-35 8/4/06	1830 X		- - -		7 7 7	SOMY 1. F	renOH,
MALD-5592W-32 8/15/06	8 0111		1 (3	3 77 070	9 7 7 7		
5582W-26. 8/15/06	1350 8		1 13	3 V V V V	V V V V		
ļ	1330 8		(7)	77		ONLY Z VINCS	s Koa Ch
8/15/06	1730 X		13	3 7 7 7	2 2 2		
Rusen - 6592W-3 8/15/06	1935 X		/ 3	3 / 0 / 0	0		
Non-Hazard	☐ Unknown ☐ F	Return To Client	☐ Disposal By Lab	ab Archive For	(A fee may be Months longer than 1 n	(A fee may be assessed if samples are retained longer than 1 month)	ned
Turn Around Time Required 24 Hours	Other		QC Requirements (Specify)	ts (Specify)			
Marinquished By 2. Relinquished By	S//w/06	Time	1. Received By Diane 2. Received By	Bridens		Date Time	Time
3. Relinquished By	Date	 Time	3. Received By			Date Time	6
Comments							

Custody Record Chain of

STL-4124 (0901) Client



TRENT STL

Severn Trent Laboratories, Inc.

Arvada, CO 80002 4955 Yarrow Street **STL** Denver

BOULDER ES Address 1877 BROADWAY Relinquished By COPE -6593W-11 Comments 2. Relinquished By Relinquished By 24 Hours 48 Hours Non-Hazard Possible Hazard Identification Sample I.D. No. and Description (Containers for each sample may be combined on one line) Contract/Purchase Order/Quote No. Project Name and Location (State) S.S. FADADG & ULOS + Arrac, 100600 PRADO-6593W-2 Turn Around Time Required M60-6573W-11-D MGD-6583W-11 KR12-6597W-10 FIELDS-6593W-1 SALFIELD CONNY SALLING (60) ☐ Flammable ☐ 7 Days Skin Irritant FOLA State X 14 Days Zip Code 80302 Poison B 8614108 8/14/06 2015 8/14/06 1630 2014106 8/14/106 3014118 Date 21 Days ☐ Unknown 1600 1500 1030 1230 Time , Date BRYAN GRIGSBY Other. Site Contact 8/18/06 Carrier/Waybill Number Telephone Number (Area Code)/Fax Number 303.739.8880 5. Ca450V 55 P-1049 ☐ Return To Client Sample Disposal メ بحر メ Matrix Sed. Time 1430 Soil Miks PHILLIAS Unpres 1. Received By

1. Received By

2. Received By Disposal By Lab Archive For Received By QC Requirements (Specify) H2SO4 Containers & Preservatives ниоз (vi vs Ŋ Ś HCI NaOH ZnAc/ NaOH نى W ぐ (V) Ų W CKI PASS WOR <u>2</u> ノファブ ~ Analysis (Attach list if mapre space is needed) Pate 8/16/06 Lab Numbe Months 0 (A fee may be assessed if samples are retained longer than 1 month) 160.1 Chain of Custody Number 336521 Page Date Special Instructions/ Conditions of Receipt DURCHORTS Time Q

Custody Record Chain of

TRENT J L STL Denver 4955 Yarrow Street Severn Trent Laboratories, Inc. Arvada, CO 80002

STL-4124 (0901)				5 (3						
S.S. PAPABOPULUS & STORO, / LOGCC	S	Project Manager	STEY AND GOLGS BY	6108 Pn			Date of	118/06	Chain of Custody Number	ON Number
1877 BLOROWAY, SUITT MOS		Telephone	Telephone Number (Area Code)/Fax Number プロス・アプマ・ミピョウ	xde)/Fax Numbe 온당 O	7	2	Lab Number	ımber	Page /	of)
State Co	Zip Code	Site Contact	رز دی در ب	M. PHILLIPS	54177	(Analysis (/	Analysis Attach list if more space is needed)	-	
cation (State) CocNTY SAMIN	(60)	Carrier/Way	Carrier/Waybill Number SSN1049	1		YOA X + M T (Ch 120705	etals etals	H TDS	Spec	Special Instructions/
Contract/Purchase Order/Quote No. $\dot{0}9286$	ī		Matrix	Cor Pres	Containers & Preservatives	8-A0	8- M	(-p (-7	Cona	Conditions of Receipt
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time Air	Aqueous Sed. Soil	Unpres. H2SO4 HNO3	HCI NaOH ZnAc/ NaOH	R50		150. 160.		÷
Tra-6593W-3 8	8/15/06	1930	×	-	(j	3 11/1	くて	ر ز		
SILC 8- 5593W- 36 8	8/15/06	1300	×		ω	ングワワ	7 7	2		
PATIZ - 5592W-28 &	8/15/06	1845	X	_	W	ジワクア	7	7		
8120w-5392w-32	8/15/26 1	1815	~	-	W	3 7 7 7 7	00	7		
									-	
					-:					
Possible Hazard Identification			Cample Disposal							
Non-Hazard	☐ Poison B ☐	☐ Unknown [□ Return To Client		☐ Disposal By Lab	Archive For	Months		(A fee may be assessed if samples are retained longer than 1 month)	s are retained
Turn Around Time Required ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ★ 14 Days	21 Days	Other_		OC Rec	OC Requirements (Specify)	ecify)				
1. Helinquished By	8/18/06	S 1475	Time	1. Received By Mail	Received By Maju Po	robints-			2 Date Molot	7 1730
2. Relinquished by	,	Date	Time	2. Received By	ived By	O			Date	Time
3. Relinquished By		Date	Time	3. Received By	ived By				Date	Time
Comments		-								



STL Denver 4955 Yarrow Street Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171 www.stl-inc.com

ANALYTICAL REPORT

Garfield County Water/Gas Sampling

Lot D6H170407

Christine Pearcy

S. S. Papadopulos & Associates, Inc. 1877 Broadway Suite 703 Boulder, CO 80302-5245

SEVERN TRENT LABORATORIES, INC. / STL DENVER

Michael P. Phillips

mital P. Philling

Project Manager

August 31, 2006

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Table Of Contents

Standard Deliverables

Report Contents

Total Number of Pages

Standard Deliverables

The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.

- Table of Contents
- Case Narrative
- Executive Summary Detection Highlights
- Methods Summary
- Method/Analyst Summary
- Lot Sample Summary
- Analytical Results
- QC Data Association Summary
- Chain-of-Custody

CASE NARRATIVE D6H170407

The following report contains the analytical results for three samples plus a trip blank submitted to STL Denver by S. S. Papadopulos & Associates for the Garfield County Water/Gas Sampling Project. The samples were received August 17, 2006, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

STL Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter listed on the methods summary page in accordance with the method indicated. A summary of QC data for this analysis is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition at a cooler temperature of 4.2°C.

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STL uses a holding time of 24 hours for pH by Method 150.1 to allow for sample shipment. However, the analysis for pH by Method 150.1 should be performed in the field immediately following sampling. All of the analyses for pH were performed by the lab outside of STL's holding time of 24 hours.

No other anomalies were observed.

BTEX / MTBE, SW846 Method 8021B

No anomalies were observed.

Dissolved Methane, RSK SOP-175

No anomalies were observed.

Total Metals, EPA Method 200.8

No anomalies were observed.

Major Cation, EPA Method 200.7

No anomalies were observed.

Major Anions, EPA Method 300.0

All of the samples required dilutions for Sulfate by Method 300.0A due to the high concentrations of the target analyte in the samples. The reporting limits have been adjusted relative to the dilutions required and the results have been flagged with "Q" in the report.

No other anomalies were observed.

Alkalinity, pH, and Total Dissolved Solids, EPA Methods 310.1, 150.1, and 160.1

No anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D6H170407

	*			
DA DA MEDITOR		REPORTI	:NG	ANALYTICAL
PARAMETER	RESULT	LIMIT	UNITS	METHOD
ASG-5S92W-26 08/16/06 09:30 001		V		
Toluene	_			
Calcium	2.4	0.50	ug/L	SW846 8021B
Magnesium	57000	200	ug/L	MCAWW 200.7
Sodium	27000	200	${\tt ug/L}$	MCAWW 200.7
Barium	69000	5000	ug/L	MCAWW 200.7
рн	31	1.0	${ m ug/L}$	MCAWW 200.8
Total Dissolved	7.7	0.10	No Units	MCAWW 150.1
Solids	450	10	mg/L	MCAWW 160.1
Chloride				
Sulfate	10	3.0	mg/L	MCAWW 300.0A
	110 Q	25	mg/L	MCAWW 300.0A
Fluoride	0.62	0.50	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	250	5.0	mg/L	MCAWW 310.1
TVD_ECONT 22 00/16/06 4-				
TYB-5S92W-32 08/16/06 15:00 002				
Calcium	73000	200	ug/L	MCATHI OOO E
Magnesium	67000	200	ug/L	MCAWW 200.7
Sodium	200000	5000	ug/L	MCAWW 200.7
Barium	8.3	1.0	ug/L	MCAWW 200.7
Selenium	8.8	5.0	ug/L	MCAWW 200.8
рН	7.6	0.10	No Units	MCAWW 200.8
Total Dissolved	1100	10	mg/L	MCAWW 150.1
Solids		10	1119/11	MCAWW 160.1
Chloride	15	3.0	mg/L	MCDITT COO.
Sulfate	470 Q	50	- ·	MCAWW 300.0A
Fluoride	0.62	0.50	mg/L	MCAWW 300.0A
Nitrate	0.86	0.50	mg/L	MCAWW 300.0A
Bromide	0.20	0.30	mg/L	MCAWW 300.0A
Bicarbonate, as CaCO3	360	5.0	mg/L	MCAWW 300.0A
	300	5.0	mg/L	MCAWW 310.1
RCE-5S92W-30 08/16/06 19:00 003				
Calcium	150000	200		
Magnesium	74000	200	ug/L	MCAWW 200.7
Potassium	3400	200	ug/L	MCAWW 200.7
Sodium	91000	3000	ug/L	MCAWW 200.7
Barium	19	5000	ug/L	MCAWW 200.7
Selenium	14	1.0	ug/L	MCAWW 200.8
рн		5.0	ug/L	MCAWW 200.8
Total Dissolved	7.3	0.10	No Units	MCAWW 150.1
Solids	1100	10	mg/L	MCAWW 160.1
Chloride	25	3.0	mar/T	MORTHER
Sulfate	460 Q	50	mg/L	MCAWW 300.0A
		50	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D6H170407

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RCE-5S92W-30 08/16/06 19:00 003				
Fluoride Nitrate Bicarbonate, as CaCO3	0.50 0.69 360	0.50 0.50 5.0	mg/L mg/L	MCAWW 300.0A MCAWW 300.0A MCAWW 310.1

METHODS SUMMARY

D6H170407

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric) Bicarbonate Alkalinity Bromide Carbonate Alkalinity Chloride Dissolved Gasses in Water Filterable Residue (TDS) Fluoride Inductively Coupled Plasma (ICP) Metals ICP-Mass Spectrometry ICP-Mass SPectrometry Nitrate as N Nitrite as N Sulfate	MCAWW 150.1 MCAWW 310.1 MCAWW 300.0A MCAWW 300.0A RSK SOP-175 MCAWW 160.1 MCAWW 300.0A MCAWW 200.7 MCAWW 200.8 MCAWW 300.0A MCAWW 300.0A MCAWW 300.0A MCAWW 300.0A	MCAWW 150.1 MCAWW 310.1 MCAWW 300.0A MCAWW 310.1 MCAWW 300.0A MCAWW 300.0A MCAWW 200.7 MCAWW 200.8 MCAWW 200.8 MCAWW 300.0A MCAWW 300.0A MCAWW 300.0A MCAWW 300.0A
Volatiles by GC	SW846 8021B	SW846 5030

References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D6H170407

ANALYTICA	ΑL		ANALYST	
METHOD		ANALYST	<u>ID</u>	
MCAWW 150).1	Danielle M. Fougere	006481	
MCAWW 160	0.1	Christopher Grisdale	009582	
MCAWW 200	0.7	Lynn-Anne Trudell	006645	
MCAWW 200).7	Lynn-Anne Trudell	6645	
MCAWW 200	0.8	Yong-ming Ding	11576	
MCAWW 300	0.0A	Ewa Kudla	001167	
MCAWW 300	TIO			
MCAWW 310	000301			
RSK SOP-1	Adam Pavlakovich 003128			
SW846 802	000220			
References:				
MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.				
RSK	RSK Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab			
SW846		valuating Solid Waste, Physical/Chem tion, November 1986 and its updates.	ical	

SAMPLE SUMMARY

D6H170407

WO # SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JCL00 001	ASG-5S92W-26	08/16/06	15:00
JCL05 002	TYB-5S92W-32	08/16/06	
JCL06 003	RCE-5S92W-30	08/16/06	
JCL19 004	TRIP BLANK	08/16/06	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Client Sample ID: ASG-5S92W-26

GC Volatiles

Lot-Sample #...: D6H170407-001 Work Order #...: JCL001A3 Matrix....: WATER

 Date Sampled...:
 08/16/06
 09:30
 Date Received...:
 08/17/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233446
 Analysis Time...:
 15:30

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

PARAMETERRESULTLIMITUNITSMethaneND5.0ug/L

Client Sample ID: TYB-5S92W-32

GC Volatiles

Lot-Sample #...: D6H170407-002 Work Order #...: JCL051AE Matrix...... WATER

 Date Sampled...:
 08/16/06
 15:00
 Date Received...:
 08/17/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

 Prep Batch #...:
 6233446
 Analysis Time...:
 15:35

Dilution Factor: 1

Method..... RSK SOP-175

REPORTING

PARAMETERRESULTLIMITUNITSMethaneND5.0ug/L

Client Sample ID: RCE-5S92W-30

GC Volatiles

Lot-Sample #...: D6H170407-003 Work Order #...: JCL061AE Matrix...... WATER

 Date Sampled...:
 08/16/06
 19:00
 Date Received...:
 08/17/06

 Prep Date.....:
 08/18/06
 Analysis Date...:
 08/18/06

Prep Batch #...: 6233446 Analysis Time..: 16:06

Dilution Factor: 1

Method.....: RSK SOP-175

REPORTING

PARAMETERRESULTLIMITUNITSMethaneND5.0ug/L

Client Sample ID: ASG-5S92W-26

GC Volatiles

Lot-Sample #: D6H170407-001	Work Order #: JCL001AM	Matrix WATER
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 Date Sampled...:
 08/16/06
 09:30
 Date Received...:
 08/17/06

 Prep Date....:
 08/22/06
 Analysis Date...:
 08/22/06

 Prep Batch #...:
 6237450
 Analysis Time...:
 19:13

Dilution Factor: 1

Method....: SW846 8021B

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	2.4	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)	

Client Sample ID: TYB-5S92W-32

GC Volatiles

Lot-Sample #: D6H170407-002	Work Order #: JCL051AR	Matrix WATER
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 Date Sampled...:
 08/16/06
 15:00
 Date Received...
 08/17/06

 Prep Date.....:
 08/22/06
 Analysis Date...
 08/22/06

 Prep Batch #...:
 6237450
 Analysis Time...
 19:51

Dilution Factor: 1

Method..... SW846 8021B

		REPORTING	
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)

Client Sample ID: RCE-5S92W-30

GC Volatiles

Lot-Sample #...: D6H170407-003 Work Order #...: JCL061AR Matrix..... WATER

 Date Sampled...:
 08/16/06 19:00
 Date Received...:
 08/17/06

 Prep Date.....:
 08/22/06
 Analysis Date...:
 08/22/06

 Prep Batch #...:
 6237450
 Analysis Time...:
 20:28

Dilution Factor: 1

Method.....: SW846 8021B

		REPORTIN	G
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	\mathtt{ug}/\mathtt{L}
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	97	(85 - 11	5)

Client Sample ID: TRIP BLANK

GC Volatiles

Lot-Sample #: D6H170407-004 Work	Order #: JCL191AC	Matrix:	WATER
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 Date Sampled...:
 08/16/06
 Date Received...
 08/17/06

 Prep Date.....:
 08/25/06
 Analysis Date...
 08/25/06

 Prep Batch #...:
 6238106
 Analysis Time...
 18:14

Dilution Factor: 1

Method.....: SW846 8021B

		REPORTING	ļ
PARAMETER	RESULT	LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	0.50	ug/L
o-Xylene	ND	0.50	ug/L
Xylenes (total)	ND	0.50	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
a,a,a-Trifluorotoluene (TFT)	95	(85 - 115)

Client Sample ID: ASG-5S92W-26

TOTAL Metals

Matrix....: WATER

Lot-Sample #...: D6H170407-001

Date Sampled...: 08/16/06 09:30 Date Received..: 08/17/06

REPORTING PREPARATION-WORK RESULT PARAMETER LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6233210 Arsenic ND 5.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL001AN Dilution Factor: 1 Analysis Time..: 03:56 **Barium** 31 1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL001AP Dilution Factor: 1 Analysis Time..: 03:56 Cadmium ND 1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL001AQ Dilution Factor: 1 Analysis Time..: 03:56 Chromium ND 3.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL001AR Dilution Factor: 1 Analysis Time..: 03:56 Lead ND 1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL001AT Dilution Factor: 1 Analysis Time..: 03:56 Manganese ND1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL001AU Dilution Factor: 1 Analysis Time..: 03:56 Selenium ND 5.0 MCAWW 200.8 uq/L 08/22-08/23/06 JCL001AV Dilution Factor: 1 Analysis Time..: 03:56 Prep Batch #...: 6234459 Calcium 57000 200 uq/L 08/23-08/24/06 JCL001AW MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 13:08 Iron ND 100 uq/L MCAWW 200.7 08/23-08/24/06 JCL001AX Dilution Factor: 1 Analysis Time..: 13:08 27000 Magnesium 200 MCAWW 200.7 uq/L 08/23-08/24/06 JCL001A0 Dilution Factor: 1 Analysis Time..: 13:08 Potassium ND 3000 ug/L MCAWW 200.7 08/23-08/24/06 JCL001A1 Dilution Factor: 1 Analysis Time..: 13:08 Sodium 69000 5000 ug/L MCAWW 200.7 08/23-08/24/06 JCL001A2 Dilution Factor: 1

Analysis Time..: 13:08

Client Sample ID: TYB-5S92W-32

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H170407-002

Date Sampled...: 08/16/06 15:00 Date Received..: 08/17/06 REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6233210 Arsenic ND 5.0 ug/L MCAWW 200.8 08/22-08/23/06 JCL051AT Dilution Factor: 1 Analysis Time..: 04:00 Barium 8.3 1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL051AU Dilution Factor: 1 Analysis Time..: 04:00 Cadmium ND 1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL051AV Dilution Factor: 1 Analysis Time..: 04:00 Chromium 08/22-08/23/06 JCL051AW ND 3.0 uq/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 04:00 Lead ND 1.0 MCAWW 200.8 ug/L 08/22-08/23/06 JCL051AX Dilution Factor: 1 Analysis Time..: 04:00 Manganese ND 1.0 ug/L MCAWW 200.8 08/22-08/23/06 JCL051A0 Dilution Factor: 1 Analysis Time..: 04:00 Selenium 8.8 5.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL051A1 Dilution Factor: 1 Analysis Time..: 04:00 Prep Batch #...: 6234459 Calcium 73000 200 uq/L MCAWW 200.7 08/23-08/24/06 JCL051A2 Dilution Factor: 1 Analysis Time..: 13:26 Iron ND ug/L MCAWW 200.7 08/23-08/24/06 JCL051A3 Dilution Factor: 1 Analysis Time..: 13:26 Magnesium 67000 200 uq/L MCAWW 200.7 08/23-08/24/06 JCL051AA Dilution Factor: 1 Analysis Time..: 13:26 Potassium ND 3000 08/23-08/24/06 JCL051AC ug/L MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 13:26 Sodium 200000 5000 uq/L MCAWW 200.7 08/23-08/24/06 JCL051AD Dilution Factor: 1 Analysis Time..: 13:26

Client Sample ID: RCE-5S92W-30

TOTAL Metals

Matrix..... WATER

Lot-Sample #...: D6H170407-003

Date Sampled...: 08/16/06 19:00 Date Received..: 08/17/06

REPORTING PREPARATION-WORK PARAMETER RESULT LIMIT UNITS METHOD ANALYSIS DATE ORDER # Prep Batch #...: 6233210 Arsenic ND 5.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL061AT Dilution Factor: 1 Analysis Time..: 04:04 Barium 19 1.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL061AU Dilution Factor: 1 Analysis Time..: 04:04 Cadmium ND 1.0 ug/L MCAWW 200.8 08/22-08/23/06 JCL061AV Dilution Factor: 1 Analysis Time..: 04:04 Chromium ND 3.0 uq/L MCAWW 200.8 08/22-08/23/06 JCL061AW Dilution Factor: 1 Analysis Time..: 04:04 Lead NDMCAWW 200.8 1.0 ug/L 08/22-08/23/06 JCL061AX Dilution Factor: 1 Analysis Time..: 04:04 Manganese ND 1.0 ug/L MCAWW 200.8 08/22-08/23/06 JCL061A0 Dilution Factor: 1 Analysis Time..: 04:04 Selenium 08/22-08/23/06 JCL061A1 14 5.0 uq/L MCAWW 200.8 Dilution Factor: 1 Analysis Time..: 04:04 Prep Batch #...: 6234459 Calcium 150000 200 uq/L 08/23-08/24/06 JCL061A2 MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 13:30 Iron ND 100 ug/L MCAWW 200.7 08/23-08/24/06 JCL061A3 Dilution Factor: 1 Analysis Time..: 13:30 Magnesium 74000 200 ug/L 08/23-08/24/06 JCL061AA MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 13:30 Potassium 3400 3000 ug/L 08/23-08/24/06 JCL061AC MCAWW 200.7 Dilution Factor: 1 Analysis Time..: 13:30 Sodium 91000 5000 uq/L MCAWW 200.7 08/23-08/24/06 JCL061AD Dilution Factor: 1 Analysis Time..: 13:30

Client Sample ID: ASG-5S92W-26

General Chemistry

Lot-Sample #...: D6H170407-001

Work Order #...: JCL00

Matrix....: WATER

Date Sampled...: 08/16/06 09:30 Date Received..: 08/17/06

						PREPARATION-	PREP
PARAMETER	RESULT	RL	UNITS	METHOI	D	ANALYSIS DATE	BATCH #
pн	7.7	0.10	No Units	MCAWW	150.1	08/18/06	6230640
		Dilution Fact	or: 1	Analysis	Time: 12:29		
Bicarbonate, as CaCO	250	5.0	mg/L	MCAWW	310.1	08/28/06	6241174
		Dilution Fact	or: 1	Analysis	Time: 15:00		
Bromide	ND	0.20	mg/L	MCAWW	300.0A	08/17/06	6230517
		Dilution Fact	or: 1	Analysis	Time: 23:03		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/28/06	6241184
		Dilution Fact	or: 1	Analysis	Time: 15:00		
Chloride	10	3.0	mg/L	MCAWW	300.0A	08/28/06	6241083
		Dilution Fact	or: 1	Analysis	Time: 11:21		
Fluoride	0.62	0.50	mg/L	MCAWW	300.0A	08/17/06	6230514
		Dilution Fact	or: 1	Analysis	Time: 23:03		
Nitrate	ND	0.50	mg/L	MCAWW	300.0A	08/17/06	6230515
		Dilution Fact	or: 1	Analysis	Time: 23:03		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/17/06	6230516
		Dilution Fact	or: 1	Analysis	Time: 23:03		
Sulfate	110 Q	25	mg/L	MCAWW	300.0A	08/21-08/22/06	6234585
		Dilution Fact	or: 5	Analysis	Time: 11:05		
Total Dissolved Solids	450	10	mg/L	MCAWW	160.1	08/22/06	6234610
		Dilution Fact	or: 1	Analysis	Time: 14:00		
NOTE(S):							

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: TYB-5S92W-32

General Chemistry

Matrix....: WATER

Lot-Sample #...: D6H170407-002 Work Order #...: JCL05

Date Sampled...: 08/16/06 15:00 Date Received..: 08/17/06

PARAMETER	RESULT	RL	UNITS	METHOI)	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.6	0.10	No Units	MCAWW	150.1	08/18/06	6230640
		Dilution Facto	or: 1	Analysis	Time: 12:28		
Bicarbonate, as CaCO	360	5.0	mg/L	MCAWW	310.1	08/28/06	6241174
		Dilution Facto	or: 1	Analysis	Time: 15:00		
Bromide	0.20	0.20	mg/L	MCAWW	300.0A	08/17/06	6230517
•		Dilution Facto	or: 1	Analysis	Time: 22:30		
Carbonate, as CaCO3	ND	5.0	mg/L	MCAWW	310.1	08/28/06	6241184
		Dilution Facto	or: 1	Analysis	Time: 15:00		
Chloride	15	3.0	mg/L	MCAWW	300.0A	08/28/06	6241083
		Dilution Facto	or: 1	Analysis	Time: 11:37		
Fluoride	0.62	0.50	mg/L	MCAWW	300.0A	08/17/06	6230514
		Dilution Facto	or: 1	Analysis	Time: 22:30		
Nitrate	0.86	0.50	mg/L	MCAWW	300.0A	08/17/06	6230515
		Dilution Facto	or: 1	Analysis	Time: 22:30		
Nitrite	ND	0.50	mg/L	MCAWW	300.0A	08/17/06	6230516
		Dilution Facto	r: 1	Analysis	Time: 22:30		
Sulfate	470 Q	50	mg/L	MCAWW	300.0A	08/17/06	6230512
		Dilution Facto	r: 10	Analysis	Time: 22:46		
Total Dissolved Solids	1100	10	mg/L	MCAWW	160.1	08/22/06	6234610
		Dilution Facto	r: 1	Analysis	Time: 14:00		
NOTE(S):							

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Client Sample ID: RCE-5S92W-30

General Chemistry

Lot-Sample #...: D6H170407-003 Work Order #...: JCL06 Matrix.....: WATER

Date Sampled...: 08/16/06 19:00 Date Received..: 08/17/06

PARAMETER	RESULT	RL	UNITS	METHO:	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
рН	7.3	0.10 Dilution Facto	No Units		150.1 Time: 12:30	08/18/06	6230640
Bicarbonate, as CaCO	360	5.0	mg/L	MCAWW	310.1	08/28/06	6241174
		Dilution Facto	r: 1	Analysis	Time: 15:00		
Bromide	ND	0.20	mg/L		300.0A	08/17/06	6230517
		Dilution Facto	r: 1	Analysis	Time: 23:53		
Carbonate, as CaCO3	ND	5.0 Dilution Facto	mg/L r: 1	MCAWW Analysis	310.1 Time: 15:00	08/28/06	6241184
Chloride	25	3.0 Dilution Facto	mg/L r: 1		300.0A Time: 11:52	08/28/06	6241083
Fluoride	0.50	0.50 Dilution Facto	mg/L	MCAWW	300.0A Time: 23:53	08/17/06	6230514
Nitrate	0.69	0.50	mg/L	-	300.0A	08/17/06	6230515
		Dilution Factor	r: 1	Analysis	Time: 23:53		
Nitrite	ND	0.50	mg/L r: 1		300.0A Time: 23:53	08/17/06	6230516
Sulfate	460 Q	50 Dilution Factor	mg/L		300.0A	08/17-08/18/06	6230512
		Dilución Facto.	1: 10	AHALYSIS	Time: 00:10		
Total Dissolved Solids	1100	10	mg/L	MCAWW	160.1	08/22/06	6234610
		Dilution Factor	r: 1	Analysis	Time: 14:00		
NOTE(S):							

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

QC DATA ASSOCIATION SUMMARY

D6H170407

Sample Preparation and Analysis Control Numbers

		ANALYTICAL	LEACH	PREP	
SAMPLE#	MATRIX	METHOD	BATCH #	BATCH #	MS RUN#
001	WATER	MCAUDI 150 1		5022542	5001070
001	WATER	MCAWW 150.1 MCAWW 160.1		6230640	6231070
	WATER	MCAWW 160.1 MCAWW 200.7		6234610	6236383
	WATER			6234459	6234299
	WATER	MCAWW 310.1		6241184	
	WATER	MCAWW 300.0A MCAWW 300.0A		6241083	6240395
	WATER	MCAWW 300.0A		6234585	6234401
				6230514	6233297
	WATER	MCAWW 300.0A		6230515	6233301
•	WATER	MCAWW 300.0A	,	6230517	6233299
	WATER	MCAWW 300.0A		6230516	6233284
	WATER	MCAWW 200.8		6233210	6233170
	WATER WATER	MCAWW 310.1		6241174	
		SW846 8021B		6237450	6237303
	WATER	RSK SOP-175		6233446	6233328
002	WATER	MCAWW 150.1		6230640	6231070
	WATER	MCAWW 160.1		6234610	6236383
	WATER	MCAWW 200.7		6234459	6234299
	WATER	MCAWW 310.1		6241184	
	WATER	MCAWW 300.0A	,	6241083	6240395
	WATER	MCAWW 300.0A		6230512	6233303
	WATER	MCAWW 300.0A		6230514	6233297
	WATER	MCAWW 300.0A		6230515	6233301
	WATER	MCAWW 300.0A		6230517	6233299
	WATER	MCAWW 300.0A		6230516	6233284
	WATER	MCAWW 200.8		6233210	6233170
	WATER	MCAWW 310.1		6241174	
	WATER	SW846 8021B		6237450	6237303
	WATER	RSK SOP-175		6233446	6233328
003	WATER	MCAWW 150.1		6220640	6021050
005	WATER	MCAWW 160.1	e	6230640	6231070
	WATER	MCAWW 200.7		6234610	6236383
	WATER	MCAWW 310.1		6234459	6234299
	WATER	MCAWW 300.0A		6241184	50400 -
	WATER	MCAWW 300.0A		6241083	6240395
	WATER	MCAWW 300.0A		6230512	6233303
	WATER	MCAWW 300.0A		6230514	6233297
	WATER			6230515	6233301
	WATER	MCAWW 300.0A MCAWW 300.0A		6230517	6233299
	WATER			6230516	6233284
	WATER WATER	MCAWW 200.8		6233210	6233170
	WATER WATER	MCAWW 310.1 SW846 8021B		6241174	600
	WAILK	PMO#O ONSTR		6237450	6237303

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D6H170407

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
003	WATER	RSK SOP-175		6233446	6233328
004	WATER	SW846 8021B		6238106	6238098

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H170407

Work Order #...: JCTQ41AA

Matrix..... WATER

MB Lot-Sample #: D6H210000-446

Prep Date....: 08/18/06

Analysis Time..: 12:45

Analysis Date..: 08/18/06

Prep Batch #...: 6233446

Dilution Factor: 1

REPORTING

PARAMETER Methane

RESULT

ND

LIMIT

5.0

UNITS METHOD

ug/L

RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JCTQ41AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H210000-446 JCTQ41AD-LCSD

 Prep Date....:
 08/18/06
 Analysis Date..:
 08/18/06

 Prep Batch #...:
 6233446
 Analysis Time..:
 12:35

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Methane	84	(69 - 125)			RSK SOP-175
	90	(69 - 125)	7.5	(0-20)	RSK SOP-175
Ethane	86	(60 - 135)			RSK SOP-175
	92	(60 - 135)	7.2	(0-20)	RSK SOP-175
Ethene	91	(64 - 134)			RSK SOP-175
	97	(64 - 134)	6.1	(0-20)	RSK SOP-175
Acetylene	113	(60 - 120)			RSK SOP-175
	114	(60 - 120)	0.89	(0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JCTQ41AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H210000-446 JCTQ41AD-LCSD

Prep Date....: 08/18/06 **Analysis Date..:** 08/18/06

Prep Batch #...: 6233446 Analysis Time..: 12:35

Dilution Factor: 1

	SPIKE	MEASUREI		PERCENT		
PARAMETER	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Methane	73.0	61.0	ug/L	84		RSK SOP-175
	73.0	65.8	ug/L	90	7.5	RSK SOP-175
Ethane	137	118	ug/L	86		RSK SOP-175
	137	127	ug/L	92	7.2	RSK SOP-175
Ethene	127	116	ug/L	91		RSK SOP-175
	127	123	ug/L	97	6.1	RSK SOP-175
Acetylene	118	134	ug/L	113		RSK SOP-175
	118	135	ug/L	114	0.89	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JCCJ31HA-MS Matrix..... WATER

MS Lot-Sample #: F6H150137-001 JCCJ31HC-MSD

 Date Sampled...:
 08/14/06 07:10
 Date Received...
 08/15/06

 Prep Date.....:
 08/18/06
 Analysis Date...
 08/18/06

Prep Batch #...: 6233446 Analysis Time..: 14:54

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Methane	71	(51 - 165)			RSK SOP-175
	83	(51 - 165)	15	(0-20)	RSK SOP-175
Ethane	73	(46 - 175)			RSK SOP-175
	84	(46 - 175)	15	(0-20)	RSK SOP-175
Ethene	74	(62 - 168)			RSK SOP-175
	85	(62 - 168)	14	(0-20)	RSK SOP-175
Acetylene	76	(60 - 120)			RSK SOP-175
	87	(60 - 120)	13	(0-20)	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JCCJ31HA-MS Matrix....: WATER

MS Lot-Sample #: F6H150137-001 JCCJ31HC-MSD

Date Sampled...: 08/14/06 07:10 Date Received..: 08/15/06 Prep Date....: 08/18/06 Analysis Date..: 08/18/06

Prep Batch #...: 6233446 Analysis Time..: 14:54

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT		
PARAMETER	TRUOMA	TMA	TRUOMA	UNITS	RECVRY	RPD	METHOD
Methane	ND	73.0	51.9	ug/L	71		RSK SOP-175
	ND	73.0	60.4	ug/L	83	15	RSK SOP-175
Ethane	ND	137	99.5	ug/L	73		RSK SOP-175
	ND	137	116	ug/L	84	15	RSK SOP-175
Ethene	ND	127	93.6	ug/L	74		RSK SOP-175
	ND	127	108	ug/L	85	14	RSK SOP-175
Acetylene	ND	118	89.8	ug/L	76		RSK SOP-175
	ND	118	102	ug/L	87	13	RSK SOP-175

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H170407

Work Order #...: JC8AD1AA

Matrix..... WATER

MB Lot-Sample #: D6H250000-450

Prep Date....: 08/22/06
Prep Batch #...: 6237450

Analysis Time..: 11:37

Analysis Date..: 08/22/06

Dilution Factor: 1

REPORTING

		KELOKITI	KEFOKIING					
PARAMETER	RESULT	LIMIT	UNITS	METHOD				
Benzene	ND	0.50	ug/L	SW846 8021B				
Ethylbenzene	ND	0.50	ug/L	SW846 8021B				
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B				
Toluene	ND	0.50	ug/L	SW846 8021B				
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B				
o-Xylene	ND	0.50	ug/L	SW846 8021B				
Xylenes (total)	ND	0.50	ug/L	SW846 8021B				
	PERCENT	RECOVER	RECOVERY					
SURROGATE	RECOVERY	LIMITS						
a,a,a-Trifluorotoluene (TFT)	95	(85 - 13	15)					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D6H170407

Work Order #...: JC9NN1AA

Matrix..... WATER

MB Lot-Sample #: D6H260000-106

Prep Date....: 08/25/06

Analysis Time..: 16:20

Analysis Date..: 08/25/06

Prep Batch #...: 6238106

Dilution Factor: 1

		REPORTING				
PARAMETER	RESULT	LIMIT	UNITS	METHOD		
Benzene	ND	0.50	ug/L	SW846 8021B		
Ethylbenzene	ND	0.50	ug/L	SW846 8021B		
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8021B		
Toluene	ND	0.50	ug/L	SW846 8021B		
m-Xylene & p-Xylene	ND	0.50	ug/L	SW846 8021B		
o-Xylene	ND	0.50	ug/L	SW846 8021B		
Xylenes (total)	ND	0.50	ug/L	SW846 8021B		
	PERCENT	RECOVERY				
SURROGATE	RECOVERY	LIMITS				
a,a,a-Trifluorotoluene (TFT)	97	(85 - 115)			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JC8AD1AC-LCS Matrix...... WATER

LCS Lot-Sample#: D6H250000-450 JC8AD1AD-LCSD

 Prep Date....:
 08/22/06
 Analysis Date..:
 08/22/06

 Prep Batch #...:
 6237450
 Analysis Time..:
 10:27

Dilution Factor: 1

	PERCENT	RECOVERY		RPD		
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOI)
Benzene	111	(75 - 117)			SW846	8021B
	110	(75 - 117)	1.1	(0-45)	SW846	8021B
Ethylbenzene	100	(79 - 115)			SW846	8021B
	100	(79 - 115)	0.20	(0-46)	SW846	8021B
Chlorobenzene	99	(81 - 115)			SW846	8021B
	99	(81 - 115)	0.66	(0-35)	SW846	8021B
Toluene	104	(77 - 115)			SW846	8021B
	103	(77 - 115)	0.97	(0-45)	SW846	8021B
Xylenes (total)	101	(79 - 116)			SW846	8021B
	100	(79 - 116)	1.0	(0-46)	SW846	8021B
1,3-Dichlorobenzene	103	(80 - 115)			SW846	8021B
	103	(80 - 115)	0.18	(0-35)	SW846	8021B
1,4-Dichlorobenzene	100	(79 - 115)			SW846	8021B
	100	(79 - 115)	0.030	(0-35)	SW846	8021B
1,2-Dichlorobenzene	98	(80 - 115)			SW846	8021B
	98	(80 - 115)	0.37	(0-35)	SW846	8021B
		PERCENT	RECOVERY			
SURROGATE		RECOVERY LI		LIMITS		
a,a,a-Trifluorotoluene (TFT)		95	(85 -	115)		
		94	(85 -	115)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JC8AD1AC-LCS Matrix...... WATER

LCS Lot-Sample#: D6H250000-450 JC8AD1AD-LCSD

Prep Date....: 08/22/06 Analysis Date..: 08/22/06

Prep Batch #...: 6237450 **Analysis Time..:** 10:27

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT			
PARAMETER	TRUOMA	AMOUNT	UNITS	RECOVERY	RPD	METHO	D
Benzene	20.0	22.2	ug/L	111		SW846	8021B
	20.0	22.0	ug/L	110	1.1	SW846	8021B
Ethylbenzene	20.0	20.1	ug/L	100		SW846	8021B
	20.0	20.1	ug/L	100	0.20	SW846	8021B
Chlorobenzene	20.0	19.8	ug/L	99		SW846	8021B
	20.0	19.7	ug/L	99	0.66	SW846	8021B
Toluene	20.0	20.9	ug/L	104		SW846	8021B
	20.0	20.7	ug/L	103	0.97	SW846	8021B
Xylenes (total)	60.0	60.8	ug/L	101		SW846	8021B
	60.0	60.2	ug/L	100	1.0	SW846	8021B
1,3-Dichlorobenzene	20.0	20.6	ug/L	103		SW846	8021B
	20.0	20.6	ug/L	103	0.18	SW846	8021B
1,4-Dichlorobenzene	20.0	20.0	ug/L	100		SW846	8021B
	20.0	20.0	ug/L	100	0.030	SW846	8021B
1,2-Dichlorobenzene	20.0	19.5	ug/L	98		SW846	8021B
	20.0	19.6	ug/L	98	0.37	SW846	8021B
			PERCENT	RECOVERY			
SURROGATE			RECOVERY	LIMITS			
a,a,a-Trifluorotoluene (TFT)			95	(85 - 115)		
			94	(85 - 115)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JC9NN1AC-LCS Matrix...... WATER

LCS Lot-Sample#: D6H260000-106 JC9NN1AD-LCSD

 Prep Date.....:
 08/25/06
 Analysis Date...:
 08/25/06

 Prep Batch #...:
 6238106
 Analysis Time...:
 17:02

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	101	(75 - 117)			SW846 8021B
	99	(75 - 117)	2.2	(0-45)	SW846 8021B
Ethylbenzene	96	(79 - 115)			SW846 8021B
	94	(79 - 115)	2.2	(0-46)	SW846 8021B
Chlorobenzene	92	(81 - 115)			SW846 8021B
	90	(81 - 115)	1.4	(0-35)	SW846 8021B
Toluene	95	(77 - 115)			SW846 8021B
	93	(77 - 115)	2.2	(0-45)	SW846 8021B
Xylenes (total)	96	(79 - 116)			SW846 8021B
	94	(79 - 116)	2.2	(0-46)	SW846 8021B
1,3-Dichlorobenzene	95	(80 - 115)			SW846 8021B
	93	(80 - 115)	2.1	(0-35)	SW846 8021B
1,4-Dichlorobenzene	97	(79 - 115)			SW846 8021B
	96	(79 - 115)	0.99	(0-35)	SW846 8021B
1,2-Dichlorobenzene	94	(80 - 115)			SW846 8021B
	92	(80 - 115)	1.7	(0-35)	SW846 8021B
		PERCENT	RECOV	ERY	
SURROGATE		RECOVERY	LIMIT	'S	
a,a,a-Trifluorotoluene		92	(85 -	115)	
(TFT)					
		94	(85 -	115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JC9NN1AC-LCS Matrix..... WATER

LCS Lot-Sample#: D6H260000-106 JC9NN1AD-LCSD

Prep Date....: 08/25/06 Analysis Date..: 08/25/06

Prep Batch #...: 6238106 **Analysis Time..:** 17:02

Dilution Factor: 1

	SPIKE	MEASURED)	PERCENT		
PARAMETER	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Benzene	20.0	20.3	ug/L	101		SW846 8021B
	20.0	19.8	ug/L	99	2.2	SW846 8021B
Ethylbenzene	20.0	19.3	ug/L	96		SW846 8021B
	20.0	18.8	ug/L	94	2.2	SW846 8021B
Chlorobenzene	20.0	18.3	ug/L	92		SW846 8021B
	20.0	18.1	ug/L	90	1.4	SW846 8021B
Toluene	20.0	19.1	ug/L	95		SW846 8021B
	20.0	18.7	ug/L	93	2.2	SW846 8021B
Xylenes (total)	60.0	57.4	ug/L	96		SW846 8021B
	60.0	56.1	ug/L	94	2.2	SW846 8021B
1,3-Dichlorobenzene	20.0	19.0	ug/L	95		SW846 8021B
	20.0	18.6	ug/L	93	2.1	SW846 8021B
1,4-Dichlorobenzene	20.0	19.3	ug/L	97		SW846 8021B
	20.0	19.1	ug/L	96	0.99	SW846 8021B
1,2-Dichlorobenzene	20.0	18.8	ug/L	94		SW846 8021B
	20.0	18.5	ug/L	92	1.7	SW846 8021B
			PERCENT	RECOVERY		
SURROGATE			RECOVERY	LIMITS	_	
a,a,a-Trifluorotoluene (TFT)			92	(85 - 115)	
			94	(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JCC111C0-MS Matrix..... WATER

Date Sampled...: 08/14/06 09:50 Date Received..: 08/15/06 Prep Date....: 08/22/06 Analysis Date..: 08/23/06

Prep Batch #...: 6237450 Analysis Time..: 08:54

Dilution Factor: 1

	PERCENT	RECOVERY		RPD		
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHO	0
Benzene	104	(75 - 117)			SW846	8021B
	112	(75 - 117)	7.4	(0-45)	SW846	8021B
Ethylbenzene	94	(79 - 115)			SW846	8021B
	101	(79 - 115)	7.5	(0-46)	SW846	8021B
Chlorobenzene	93	(81 - 115)			SW846	8021B
	100	(81 - 115)	6.8	(0-35)	SW846	8021B
Toluene	96	(77 - 115)			SW846	8021B
	103	(77 - 115)	6.9	(0-45)	SW846	8021B
Xylenes (total)	94	(79 - 116)			SW846	8021B
	101	(79 - 116)	6.9	(0-46)	SW846	8021B
1,3-Dichlorobenzene	96	(80 - 115)			SW846	8021B
	103	(80 - 115)	6.2	(0-35)	SW846	8021B
1,4-Dichlorobenzene	93	(79 - 115)			SW846	8021B
	100	(79 - 115)	6.9	(0-35)	SW846	8021B
1,2-Dichlorobenzene	90	(80 - 115)			SW846	8021B
	97	(80 - 1.15)	6.9	(0-35)	SW846	8021B
		PERCENT		RECOVERY		
SURROGATE	_	RECOVERY		LIMITS	_	
<pre>a,a,a-Trifluorotoluene (TFT)</pre>		97		(85 - 115)	
		97		(85 - 115)	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JCC111C0-MS Matrix.....: WATER

MS Lot-Sample #: D6H150179-001 JCC111C1-MSD

 Date Sampled...:
 08/14/06
 09:50
 Date Received...:
 08/15/06

 Prep Date....:
 08/22/06
 Analysis Date...:
 08/23/06

Prep Batch #...: 6237450 **Analysis Time..:** 08:54

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT		
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD
Benzene	ND	20.0	20.8	ug/L	104		SW846 8021B
	ND	20.0	22.4	ug/L	112	7.4	SW846 8021B
Ethylbenzene	ND	20.0	18.8	ug/L	94		SW846 8021B
	ND	20.0	20.3	ug/L	101	7.5	SW846 8021B
Chlorobenzene	ND	20.0	18.6	ug/L	93		SW846 8021B
	ND	20.0	19.9	ug/L	100	6.8	SW846 8021B
Toluene	ND	20.0	19.6	ug/L	96		SW846 8021B
	ND	20.0	21.0	ug/L	103	6.9	SW846 8021B
Xylenes (total)	ND	60.0	57.0	ug/L	94		SW846 8021B
	ND	60.0	61.1	ug/L	101	6.9	SW846 8021B
1,3-Dichlorobenzene	ND	20.0	19.3	ug/L	96		SW846 8021B
	ND	20.0	20.5	ug/L	103	6.2	SW846 8021B
1,4-Dichlorobenzene	ND	20.0	18.6	ug/L	93		SW846 8021B
	ND	20.0	20.0	ug/L	100	6.9	SW846 8021B
1,2-Dichlorobenzene	ND	20.0	18.1	ug/L	90		SW846 8021B
	ND	20.0	19.4	ug/L	97	6.9	SW846 8021B
		PE	ERCENT		RECOVERY		
SURROGATE	-	RE	ECOVERY		LIMITS	_	
a,a,a-Trifluorotoluene (TFT)		97	7		(85 - 115))	
		97	7		(85 - 115))	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JC8G81AF-MS Matrix.....: WATER

 Date Sampled...:
 08/14/06 07:00
 Date Received...:
 08/14/06

 Prep Date.....:
 08/25/06
 Analysis Date...:
 08/25/06

 Prep Batch #...:
 6238106
 Analysis Time...:
 19:26

Dilution Factor: 1

	PERCENT	RECOVERY		RPD	
PARAMETER	RECOVERY	LIMITS	RPD	LIMITS	METHOD
Benzene	111	(75 - 117)			SW846 8021B
	115	(75 - 117)	3.5	(0-45)	SW846 8021B
Ethylbenzene	100	(79 - 115)			SW846 8021B
	108	(79 ~ 115)	7.4	(0-46)	SW846 8021B
Chlorobenzene	98	(81 - 115)			SW846 8021B
	104	(81 - 115)	6.2	(0-35)	SW846 8021B
Toluene	101	(77 - 115)			SW846 8021B
	108	(77 - 115)	6.1	(0-45)	SW846 8021B
Xylenes (total)	97	(79 - 116)			SW846 8021B
	106	(79 - 116)	8.1	(0-46)	SW846 8021B
1,3-Dichlorobenzene	96	(80 - 115)			SW846 8021B
	108	(80 - 115)	12	(0-35)	SW846 8021B
1,4-Dichlorobenzene	96	(79 - 115)			SW846 8021B
	110	(79 - 115)	13	(0-35)	SW846 8021B
1,2-Dichlorobenzene	96	(80 - 115)			SW846 8021B
	108	(80 - 115)	11	(0-35)	SW846 8021B
		PERCENT		RECOVERY	
SURROGATE	_	RECOVERY		LIMITS	_
a,a,a-Trifluorotoluene (TFT)		92		(85 - 115))
		90		(85 - 115))

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D6H170407 Work Order #...: JC8G81AF-MS Matrix..... WATER

Date Sampled...: 08/14/06 07:00 Date Received..: 08/14/06 Prep Date....: 08/25/06 Analysis Date..: 08/25/06

Prep Batch #...: 6238106 Analysis Time..: 19:26

Dilution Factor: 1

	SAMPLE	SPIKE	MEASRD		PERCNT		
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD
Benzene	ND	20.0	22.2	ug/L	111		SW846 8021B
	ND	20.0	23.0	ug/L	115	3.5	SW846 8021B
Ethylbenzene	ND	20.0	20.0	ug/L	100		SW846 8021B
	ND	20.0	21.6	ug/L	108	7.4	SW846 8021B
Chlorobenzene	ND	20.0	19.6	ug/L	98		SW846 8021B
	ND	20.0	20.8	ug/L	104	6.2	SW846 8021B
Toluene	ND	20.0	20.3	ug/L	101		SW846 8021B
	ND	20.0	21.6	ug/L	108	6.1	SW846 8021B
Xylenes (total)	ND	60.0	58.4	ug/L	97		SW846 8021B
	ND	60.0	63.3	ug/L	106	8.1	SW846 8021B
1,3-Dichlorobenzene	ND	20.0	19.2	ug/L	96		SW846 8021B
	ND	20.0	21.6	ug/L	108	12	SW846 8021B
1,4-Dichlorobenzene	ND	20.0	19.3	ug/L	96		SW846 8021B
	ND	20.0	22.0	ug/L	110	13	SW846 8021B
1,2-Dichlorobenzene	ND	20.0	19.3	ug/L	96		SW846 8021B
	ND	20.0	21.6	ug/L	108	11	SW846 8021B
		P	ERCENT		RECOVERY		
SURROGATE		R.	ECOVERY	•	LIMITS	_	
a,a,a-Trifluorotoluene (TFT)	_	9:	2		(85 - 115))	
		9	0		(85 - 115))	·

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #	.: D6H170407		Ма	trix WA	TER
PARAMETER	RESULT	REPORTING LIMIT UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample : Arsenic	#: D6H210000 ND	-210 Prep Batch #: 5.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	: 6233210 MCAWW 200.8	08/22-08/23/06	JCR1M1AA
Barium	ND	1.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	MCAWW 200.8	08/22-08/23/06	JCR1M1AC
Cadmium	ND	1.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	MCAWW 200.8	08/22-08/23/06	JCR1M1AD
Chromium	ND	3.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	MCAWW 200.8	08/22-08/23/06	JCR1M1AE
Lead	ND	1.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	MCAWW 200.8	08/22-08/23/06	JCR1M1AF
Manganese	ND	1.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	MCAWW 200.8	08/22-08/23/06	JCR1M1AG
Selenium	ND .	5.0 ug/L Dilution Factor: 1 Analysis Time: 03:24	MCAWW 200.8	08/22-08/23/06	JCR1M1AH
-		-459 Prep Batch #:			
Calcium	ND	200 ug/L Dilution Factor: 1 Analysis Time: 12:58	MCAWW 200.7	08/23-08/24/06	JCW7A1AA
Iron	ND	100 ug/L Dilution Factor: 1 Analysis Time: 12:58	MCAWW 200.7	08/23-08/24/06	JCW7A1AC
Magnesium	ND	200 ug/L Dilution Factor: 1 Analysis Time: 12:58	MCAWW 200.7	08/23-08/24/06	JCW7A1AD

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D6H170407

Matrix..... WATER

PARAMETER Potassium	RESULT ND	REPORTII LIMIT 3000	NG <u>UNITS</u> ug/L	METHOD MCAWW 200.7	PREPARATION- ANALYSIS DATE 08/23-08/24/06	WORK ORDER # JCW7A1AE
		Dilution Fac Analysis Tim				
Sodium	ND	5000 Dilution Fac Analysis Tin		MCAWW 200.7	08/23-08/24/06	JCW7A1AF
370mm (a)						

NOTE(S):

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Matrix..... WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: Arsenic	D6H210000- 97	(89 - 111)	MCAWW 200.8 or: 1 Analysis	08/22-08/23/06	JCR1M1AJ
Barium	100		MCAWW 200.8 or: 1 Analysis		JCR1M1AK
Cadmium	99		MCAWW 200.8 or: 1 Analysis		JCR1M1AL
Chromium	108		MCAWW 200.8 or: 1 Analysis		JCR1M1AM
Lead	97		MCAWW 200.8 or: 1 Analysis		JCR1M1AN
Manganese	103		MCAWW 200.8 or: 1 Analysis		JCR1M1AP
Selenium	95		MCAWW 200.8 or: 1 Analysis		JCR1M1AQ
LCS Lot-Sample#: Calcium		(90 - 111)	tch #: 6234459 MCAWW 200.7 or: 1 Analysis	08/23-08/24/06	JCW7A1AG

Dilution Factor: 1

Dilution Factor: 1

Dilution Factor: 1

Dilution Factor: 1

(92 - 113) MCAWW 200.7

(89 - 114) MCAWW 200.7

(90 - 117) MCAWW 200.7

(89 - 116) MCAWW 200.7 08/23-08/24/06 JCW7A1AH

Analysis Time..: 13:03

Analysis Time..: 13:03

Analysis Time..: 13:03

Analysis Time..: 13:03

08/23-08/24/06 JCW7A1AJ

08/23-08/24/06 JCW7A1AK

08/23-08/24/06 JCW7A1AL

MOTO	/c\	_
INC) I PC	1.51	

Sodium

Iron

Magnesium

Potassium

Calculations are performed before rounding to avoid round-off errors in calculated results.

99

99

102

103

Client Lot #...: D6H170407

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #	⊧: D6H	1170407			M	Matrix:	WATER
PARAMETER	SPIKE AMOUNT	MEASUREL AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Samp	ole#: D6H	1210000-21	10 Prep Bat	ch #	: 6233210		
Arsenic	40.0	38.9	ug/L Dilution Factor	97			JCR1M1AJ
Barium	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 03		JCR1M1AK
Cadmium	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 03	, , , , ,	JCR1M1AL
Chromium	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 03		JCR1M1AM
Lead	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 03		JCR1M1AN
Manganese	40.0		ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 03		JCR1M1AP
Selenium	40.0	38.2	ug/L Dilution Factor		MCAWW 200.8 Analysis Time: 03		JCR1M1AQ
LCS Lot-Samp	ole#: D6H	1220000-45	59 Prep Bat	ch #	: 6234459		
Calcium		49900	ug/L Dilution Factor	100	MCAWW 200.7 Analysis Time: 13		JCW7A1AG
Iron	1000		ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 13		JCW7A1AH
Magnesium	50000		ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 13		JCW7A1AJ
Potassium	50000		ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 13		JCW7A1AK
Sodium	50000		ug/L Dilution Factor		MCAWW 200.7 Analysis Time: 13		JCW7A1AL

NOTE(S):

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot # Date Sampled		70407 5/06 19:00 Date 1	Received.	08/	17/06	Matrix	Matrix WATER		
PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS RPD	RPD LIMITS	<u>METHO</u>	·	PREPARATION- ANALYSIS DATE	WORK ORDER #		
MS Lot-Sampl	.e #: D6H17	70407-003 Prep 1	Batch #	.: 623	3210				
Arsenic	102	(79 - 120)		MCAWW	200.8	08/22-08/23/06	JCL061A4		
	100	(79 - 120) 1.9 Dilution Fac Analysis Tir			200.8	08/22-08/23/06	JCL061A5		
Barium	98	(83 - 118)		MCAWW	200.8	08/22-08/23/06	JCL061A6		
	98	(83 - 118) 0.2	1 (0-30)	MCAWW	200.8	08/22-08/23/06			
		Dilution Fac Analysis Tir							
Cadmium	98	(82 - 115)		MCAWW	200.8	08/22-08/23/06	JCL061A8		
	98	(82 - 115) 0.63	3 (0-30)	MCAWW	200.8	08/22-08/23/06	JCL061A9		
		Dilution Fac Analysis Tir							
Chromium	107	(80 - 124)		MCAWW	200.8	08/22-08/23/06	JCL061CA		
	107	(80 - 124) 0.04 Dilution Fac Analysis Tir	ctor: 1		200.8	08/22-08/23/06	JCL061CC		
Lead	93	(79 - 119)		MCAWW	200.8	08/22-08/23/06	JCL061CD		
	91	(79 - 119) 1.7 Dilution Fac Analysis Tir	ctor: 1		200.8	08/22-08/23/06	JCL061CE		
Manganese	112	(57 - 149)		MCAWW	200.8	08/22-08/23/06	JCL061CF		
	111	(57 - 149) 0.73	1 (0-35)	MCAWW	200.8	08/22-08/23/06	JCL061CG		
		Dilution Fac Analysis Tir							
Selenium	96	(64 - 134)		MCAWW	200.8	08/22-08/23/06	JCL061CH		
	99	(64 - 134) 1.8 Dilution Fac Analysis Tir			200.8	08/22-08/23/06			

NOTE(S):

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lo				Date Receive	ed: 08	3/17/	06	Matri	X WAT	ER
PARAMETER	SAMPLE AMOUNT		MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOI)	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sa Arsenic	ample #:	D6H1704	07-003	Prep Batch	#: 62	23321	0			
	ND	40.0	40.8	ug/L	102		MCAWW	200.8	08/22-08/23/06	JCL061A4
	ND	40.0	40.0	ug/L	100	1.9	MCAWW	200.8	08/22-08/23/06	JCL061A5
				tion Factor: 1						
	Analysis Time: 04:07									
Barium	4.0	40.0	50. 0		0.0		NACIA DIDI	000 0	08/22-08/23/06	TGT 0 C1 3 C
	19	40.0	58.3 58.2	ug/L ug/L	98 98	0 01	MCAWW MCAWW		08/22-08/23/06	
	19	40.0		- '	98	0.21	MCAWW	200.8	00/22-00/23/00	OCHOGIA
	Dilution Factor: 1 Analysis Time: 04:07									
			FIIGI	ybib lime of	,					
Cadmium										
	ND	40.0	39.1	ug/L	98		MCAWW	200.8	08/22-08/23/06	JCL061A8
	ND	40.0	39.3	ug/L	98	0.63	MCAWW	200.8	08/22-08/23/06	JCL061A9
			Dilu	tion Factor: 1						
			Anal	ysis Time: 04	:07					
Chromium				/-					/ / /	
	ND	40.0	45.5	ug/L	107			200.8	08/22-08/23/06	
	ND	40.0	45.5	ug/L	107	0.04	MCAWW	200.8	08/22-08/23/06	остоетсс
				tion Factor: 1	. 07					
			Allal	ysis Time: 04	:07					
Lead										
	ND	40.0	37.4	uq/L	93		MCAWW	200.8	08/22-08/23/06	JCL061CD
	ND	40.0	36.8	ug/L	91	1.7	MCAWW	200.8	08/22-08/23/06	
			Dilu	tion Factor: 1						
			Anal	ysis Time: 04	:07					
Manganese										
	ND	40.0	44.9	ug/L	112			200.8	08/22-08/23/06	
	ND	40.0	44.6	ug/L	111	0.71	MCAWW	200.8	08/22-08/23/06	JCL061CG
				tion Factor: 1						
			Anal	ysis Time: 04	:07					
Selenium										
SCIGILLUM	14	40.0	52.2	ug/L	96		MCAWW	200.8	08/22-08/23/06	JCI-061CH
	14	40.0	53.2	ug/L	99	1.8		200.8	08/22-08/23/06	
				tion Factor: 1					13,22 30,20,00	20200200
				ysis Time: 04	:07					

Calculations are performed before rounding to avoid round-off errors in calculated results.

NOTE(S):

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot i		Matrix WATER		
PARAMETER	PERCENT RECOVERY	RECOVERY RPD LIMITS RPD LIMITS	METHOD	PREPARATION- WORK ANALYSIS DATE ORDER #
MS Lot-Samp]	le #: D6H17	70407-001 Prep Batch #	: 6234459	
Calcium	96 92	(90 - 111) (90 - 111) 2.2 (0-20) Dilution Factor: 1 Analysis Time: 13:17	MCAWW 200.7 MCAWW 200.7	08/23-08/24/06 JCL001CD 08/23-08/24/06 JCL001CE
Iron	98 94	(89 - 116) (89 - 116) 4.4 (0-20) Dilution Factor: 1 Analysis Time: 13:17		08/23-08/24/06 JCL001CF 08/23-08/24/06 JCL001CG
Magnesium	96 92	(92 - 113) (92 - 113) 2.9 (0-20) Dilution Factor: 1 Analysis Time: 13:17		08/23-08/24/06 JCL001CH 08/23-08/24/06 JCL001CJ
Potassium	103 99	(89 - 114) (89 - 114) 4.1 (0-20) Dilution Factor: 1 Analysis Time: 13:17		08/23-08/24/06 JCL001CK 08/23-08/24/06 JCL001CL
Sodium	98 94	(90 - 117) (90 - 117) 1.5 (0-20) Dilution Factor: 1 Analysis Time: 13:17		08/23-08/24/06 JCL001CM 08/23-08/24/06 JCL001CN

NOTE(S):

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #: D6H170407								ER ····	
PARAMETE	SAMPLE R AMOUNT		MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D6H170407-001 Prep Batch #: 6234459 Calcium									
	57000 57000	50000 50000		ug/L ug/L ion Factor: 1 sis Time: 13	96 92 :17	2.2	MCAWW 200.7 MCAWW 200.7	08/23-08/24/06 08/23-08/24/06	
Iron	ND ND	1000		ug/L ug/L ion Factor: 1 vsis Time: 13	98 94 :17	4.4	MCAWW 200.7 MCAWW 200.7	08/23-08/24/06 08/23-08/24/06	
Magnesiu	m 27000 27000	50000 50000		ug/L ug/L ion Factor: 1 vsis Time: 13	96 92 :17	2.9	MCAWW 200.7 MCAWW 200.7	08/23-08/24/06 08/23-08/24/06	
Potassiu	m ND ND	50000 50000		ug/L ug/L tion Factor: 1 vsis Time: 13	103 99 :17	4.1	MCAWW 200.7 MCAWW 200.7	08/23-08/24/06 08/23-08/24/06	
Sodium	69000 69000	50000 50000	118000 116000 Dilut	ug/L ug/L tion Factor: 1	98 94	1.5	MCAWW 200.7 MCAWW 200.7	08/23-08/24/06 08/23-08/24/06	

Calculations are performed before rounding to avoid round-off errors in calculated results.

NOTE(S):

Analysis Time..: 13:17

METHOD BLANK REPORT

General Chemistry

Matrix..... WATER

Client Lot #...: D6H170407

CITEIL FOR #: D	6HI/U4U/		MACLIX: WAIER				
PARAMETER	RESULT	REPORTING LIMIT UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #		
Bicarbonate, as Ca	CO3 ND	Work Order #: JDC7E1A 5.0 mg/L Dilution Factor: 1 Analysis Time: 15:00	MB Lot-Sample #: MCAWW 310.1	D6H290000-174 08/28/06	6241174		
Bromide	ND	Work Order #: JCTMM1AA 0.20 mg/L Dilution Factor: 1 Analysis Time: 15:33	A MB Lot-Sample #: MCAWW 300.0A	D6H180000-517 08/17/06	6230517		
Carbonate, as CaCO	3 ND	Work Order #: JDC7T1AA 5.0 mg/L Dilution Factor: 1 Analysis Time: 15:00	A MB Lot-Sample #: MCAWW 310.1	D6H290000-184 08/28/06	6241184		
Chloride	ND	Work Order #: JDDHJ1AA 3.0 mg/L Dilution Factor: 1 Analysis Time: 08:37	A MB Lot-Sample #: MCAWW 300.0A	D6H290000-083 08/28/06	6241083		
Fluoride	ND	Work Order #: JCTKW1AA 0.50 mg/L Dilution Factor: 1 Analysis Time: 15:33	A MB Lot-Sample #: MCAWW 300.0A	D6H180000-514 08/17/06	6230514		
Nitrate	ND	Work Order #: JCTMV1AA 0.50 mg/L Dilution Factor: 1 Analysis Time: 15:33	A MB Lot-Sample #: MCAWW 300.0A	D6H180000-515 08/17/06	6230515		
Nitrite	ND	Work Order #: JCTLH1AA 0.50 mg/L Dilution Factor: 1 Analysis Time: 15:33	A MB Lot-Sample #: MCAWW 300.0A	D6H180000-516 08/17/06	6230516		
Sulfate	ND	Work Order #: JCTM31AA 5.0 mg/L Dilution Factor: 1 Analysis Time: 15:33	A MB Lot-Sample #: MCAWW 300.0A	D6H180000-512 08/17/06	6230512		
Sulfate	ND	Work Order #: JCX161AA 5.0 mg/L Dilution Factor: 1 Analysis Time: 21:09	A MB Lot-Sample #: MCAWW 300.0A	D6H220000-585 08/21/06	6234585		

(Continued on next page)

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D6H170407

Matrix..... WATER

PARAMETER	RESULT_	REPORTING	G UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Dissolved		Work Order	#: JC5HX1AA	MB Lot-Sample #:	D6H220000-610	
	ND	10 Dilution Fact Analysis Time		MCAWW 160.1	08/22/06	6234610
NOTE(S):						

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

there are short and at Market broad transfer	PERCENT	RECOVERY RPD PREPARATION- PREP	
PARAMETER	RECOVERY	LIMITS RPD LIMITS METHOD ANALYSIS DATE BATCH #	-
рн	100	WO#:JCQQ01AA-LCS/JCQQ01AC-LCSD LCS Lot-Sample#: D6H180000-64	
	100	(97 - 102) MCAWW 150.1 08/18/06 6230640 (97 - 102) 0.14 (0-5.0) MCAWW 150.1 08/18/06 6230640	
	100	·	
		Dilution Factor: 1 Analysis Time: 11:43	
Bromide		WO#:JCTMM1AC-LCS/JCTMM1AD-LCSD LCS Lot-Sample#: D6H180000-51	.7
	99	(90 - 110) MCAWW 300.0A 08/17/06 6230517	
	99	(90 - 110) 0.14 (0-10) MCAWW 300.0A 08/17/06 6230517	
		Dilution Factor: 1 Analysis Time: 15:00	
Chloride		WO#:JDDHJ1AC-LCS/JDDHJ1AD-LCSD LCS Lot-Sample#: D6H290000-08	
	102	(90 - 110) MCAWW 300.0A 08/28/06 6241083	
	102	(90 - 110) 0.0 (0-10) MCAWW 300.0A 08/28/06 6241083	
		Dilution Factor: 1 Analysis Time: 08:11	
Fluoride		WO#:JCTKW1AC-LCS/JCTKW1AD-LCSD LCS Lot-Sample#: D6H180000-51	4
	97	(90 - 110) MCAWW 300.0A 08/17/06 6230514	
	97	(90 - 110) 0.03 (0-10) MCAWW 300.0A 08/17/06 6230514	
		Dilution Factor: 1 Analysis Time: 15:00	
Nitrate		WO#:JCTMV1AC-LCS/JCTMV1AD-LCSD LCS Lot-Sample#: D6H180000-51	5
	94	(90 - 110) MCAWW 300.0A 08/17/06 6230515	
	95	(90 - 110) 0.68 (0-10) MCAWW 300.0A 08/17/06 6230515	
•		Dilution Factor: 1 Analysis Time: 15:00	
Nitrite		WO#:JCTLH1AC-LCS/JCTLH1AD-LCSD LCS Lot-Sample#: D6H180000-51	6
111 01 100	98	(90 - 110) MCAWW 300.0A 08/17/06 6230516	
	98	(90 - 110) 0.14 (0-10) MCAWW 300.0A 08/17/06 6230516	
•		Dilution Factor: 1 Analysis Time: 15:00	
Sulfate		WO#:JCTM31AC-LCS/JCTM31AD-LCSD LCS Lot-Sample#: D6H180000-51	2
	96	(90 - 110) MCAWW 300.0A 08/17/06 6230512	
	96	(90 - 110) 0.15 (0-10) MCAWW 300.0A 08/17/06 6230512	
		Dilution Factor: 1 Analysis Time: 15:00	
Sulfate		WO#:JCX161AC-LCS/JCX161AD-LCSD LCS Lot-Sample#: D6H220000-58	5
	96	(90 - 110) MCAWW 300.0A 08/21/06 6234585	
	96	(90 - 110) 0.41 (0-10) MCAWW 300.0A 08/21/06 6234585	
		Dilution Factor: 1 Analysis Time: 20:36	

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D6H170407

Matrix..... WATER

PARAMETER Total Dissol	PERCENT <u>RECOVERY</u> ved	RECOVERY LIMITS RPD WO#:JC5HX1AC	RPD LIMITS -LCS/JC5	METHOD HX1AD-LCSD LCS Lc	PREPARATION- ANALYSIS DATE ot-Sample#: D6H2	
Solids						
	99	(86 - 106)		MCAWW 160.1	08/22/06	6234610
	100	(86 - 106) 0.80	(0-20)	MCAWW 160.1	08/22/06	6234610
		Dilution Fac	tor. 1	Analysis Time · ·	14.00	

NOTE(S):

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Matrix..... WATER

Lot-Sample #...: D6H170407

PREPARATION-PREP SPIKE MEASURED PERCNT AMOUNT AMOUNT UNITS RECVRY RPD METHOD ANALYSIS DATE BATCH # PARAMETER WO#:JCQQ01AA-LCS/JCQQ01AC-LCSD LCS Lot-Sample#: D6H180000-640 7.00 7.02 No Units 100 MCAWW 150.1 08/18/06 6230640 7.00 No Units 100 0.14 MCAWW 150.1 08/18/06 7.03 6230640 Dilution Factor: 1 Analysis Time..: 11:43 WO#:JCTMM1AC-LCS/JCTMM1AD-LCSD LCS Lot-Sample#: D6H180000-517 Bromide mg/L 99 MCAWW 300.0A 08/17/06 6230517 5.00 4.94 5.00 4.93 mg/L 99 0.14 MCAWW 300.0A 08/17/06 6230517 Dilution Factor: 1 Analysis Time..: 15:00 Chloride WO#:JDDHJ1AC-LCS/JDDHJ1AD-LCSD LCS Lot-Sample#: D6H290000-083 25.0 25.5 mg/L 102 MCAWW 300.0A 08/28/06 6241083 25.0 25.5 mg/L 102 0.0 MCAWW 300.0A 08/28/06 6241083 Dilution Factor: 1 Analysis Time..: 08:11 WO#:JCTKW1AC-LCS/JCTKW1AD-LCSD LCS Lot-Sample#: D6H180000-514 Fluoride MCAWW 300.0A 08/17/06 5.00 4.87 mg/L 97 6230514 5.00 0.03 MCAWW 300.0A 08/17/06 4.87 mq/L 97 6230514 Dilution Factor: 1 Analysis Time..: 15:00 WO#:JCTMV1AC-LCS/JCTMV1AD-LCSD LCS Lot-Sample#: D6H180000-515 Nitrate MCAWW 300.0A 94 MCAWW 300.0A 95 0.68 MCAWW 300.0A 5.00 4.72 mq/L 94 08/17/06 6230515 5.00 4.75 mg/L 08/17/06 6230515 Dilution Factor: 1 Analysis Time..: 15:00 Nitrite WO#:JCTLH1AC-LCS/JCTLH1AD-LCSD LCS Lot-Sample#: D6H180000-516 4.89 mg/L 98 MCAWW 300.0A 08/17/06 6230516 5.00 5.00 4.88 mg/L 98 0.14 MCAWW 300.0A 08/17/06 6230516 Dilution Factor: 1 Analysis Time..: 15:00 WO#:JCTM31AC-LCS/JCTM31AD-LCSD LCS Lot-Sample#: D6H180000-512 Sulfate 25.0 23.9 mg/L 96 MCAWW 300.0A 08/17/06 6230512 96 0.15 MCAWW 300.0A 25.0 23.9 mg/L 08/17/06 6230512 Dilution Factor: 1 Analysis Time..: 15:00 Sulfate WO#:JCX161AC-LCS/JCX161AD-LCSD LCS Lot-Sample#: D6H220000-585 mg/L 96 MCAWW 300.0A 08/21/06 6234585 mg/L 96 0.41 MCAWW 300.0A 08/21/06 6234585 25.0 24.1 25.0 24.0 Dilution Factor: 1 Analysis Time..: 20:36

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D6H170407

Matrix..... WATER

PARAMETER Total Dissol Solids	SPIKE AMOUNT Lved	MEASURED AMOUNT WO#	UNITS	PERCNT RECVRY -LCS/JC	RPD I	METHOD -LCSD		PREPARATION- ANALYSIS DATE mple#: D6H22000	PREP <u>BATCH #</u> 0-610
,	500 500	496 500	mg/L	99		MCAWW		08/22/06 08/22/06	6234610 6234610
	500		mg/L ilution Fact	100 or: 1	I 08.0		Time: 14:00	08/22/06	6234610

NOTE(S):

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D6H170407 Matrix.....: WATER

Date Sampled...: 08/16/06 17:35 Date Received..: 08/17/06

	PERCENT	RECOVERY	RPD		PREPARATION- PREP							
PARAMETER	RECOVERY	LIMITS R	PD LIMITS M	/IETHOD	ANALYSIS DATE BATCH #							
Bromide		WO#: J	CL001A8-MS/JC	CL001A9-MSD	MS Lot-Sample #: D6H170407-001							
	104	(80 - 120)	M	MCAWW 300.0A	08/17/06 6230517							
	103	(80 - 120) 0	.90 (0-20) M	MCAWW 300.0A	08/17/06 6230517							
		Dilutio	n Factor: 1									
		Analysi	s Time: 23:20									
Chloride		WO#: J	CLP11AV-MS/JC	CLP11AW-MSD	MS Lot-Sample #: D6H170374-003							
	105	(85 - 115)	M	MCAWW 300.0A	08/28/06 6240487							
	106	(85 - 115) 0	.37 (0-20) M	MCAWW 300.0A	08/28/06 6240487							
		Dilutio	n Factor: 1									
		Analysi	s Time: 09:30									
Fluoride		WO#: J	CL001A4-MS/JC	CL001A5-MSD	MS Lot-Sample #: D6H170407-001							
	99	(80 - 120)		CAWW 300.0A	08/17/06 6230514							
	99	(80 - 120) 0	.33 (0-20) M	CAWW 300.0A	08/17/06 6230514							
			n Factor: 1		·							
		Analysi	Analysis Time: 23:20									
				•								
Nitrate		WO#: J	CL001CA-MS/JC	CL001CC-MSD	MS Lot-Sample #: D6H170407-001							
	96	(80 - 120)		MCAWW 300.0A	08/17/06 6230515							
	95	(80 - 120) 0	.78 (0-20) M	MCAWW 300.0A	08/17/06 6230515							
		Dilutio	n Factor: 1									
		Analysi	s Time: 23:20									
Nitrite		WO#: J	CJTR1CK-MS/JC	CJTR1CL-MSD	MS Lot-Sample #: D6H170162-004							
	102	(85 - 115)		CAWW 300.0A	08/17/06 6230485							
	103	(85 - 115) 1	.3 (0-20) M	CAWW 300.0A	08/17/06 6230485							
		Dilutio	n Factor: 1	•								
		Analysi	s Time: 17:13									
Sulfate		WO# •	7 D 5 7 1 7 E _ M C / T 7	DETTING MCD	MS Lot-Sample #: D6H010167-004							
Dallace	101	(80 - 120)		CAWW 300.0A	08/21-08/22/06 6234578							
	100		.26 (0-20) M		08/21-08/22/06 6234578							
	100		.20 (0-20) M n Factor: 5	ICAWW 500.0A	00/21-00/22/00 02343/0							
			s Time: 08:35									
		wierler	C 11mc 00.35									
Sulfate		WO#: J	CJTR1CT-MS/JC	CJTR1CU-MSD	MS Lot-Sample #: D6H170162-004							
	107	(85 - 115)	M	CAWW 300.0A	08/17/06 6230487							
	108	(85 - 115) 0	.92 (0-20) M	ICAWW 300.0A	08/17/06 6230487							
		Dilutio	n Factor: 1									
		Analysi	s Time: 17:13									

NOTE(S):

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D6H170407 Matrix.....: WATER

Date Sampled...: 08/16/06 17:35 Date Received..: 08/17/06

	SAMPLE	SPIKE	MEASRD		PERCNT				PREPARATION-	PREP
PARAMETER	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD)	ANALYSIS DATE	BATCH #
Bromide			WO#:	JCL001A8-MS	/JCL0012	A9-MSI	MS L	ot-Sampl	e #: D6H170407	-001
	ND	5.00	5.21	mg/L	104		MCAWW	300.0A	08/17/06	6230517
	ND	5.00	5.17	mg/L	103	0.90	MCAWW	300.0A	08/17/06	6230517
			Dilut:	ion Factor: 1						
			Analy	sis Time: 23:	20					
								_		
Chloride						AW-MSI			e #: D6H170374	
	15	25.0	41.7	mg/L	105			300.0A	08/28/06	6240487
	15	25.0	41.8	mg/L	106	0.37	MCAWW	300.0A	08/28/06	6240487
				ion Factor: 1						
			Analy	sis Time: 09:	30					
Fluoride			WO# -	TCT 00174 - MC	/.TCT.0017	A E _ MQT	n Me t	ot - Gamol	e #: D6H170407	-001
ridoride	0.62	5.00	5.57	mg/L	99	IGM - CH		300.0A	08/17/06	6230514
	0.62	5.00	5.55	mg/L	99	0 33		300.0A	08/17/06	6230514
	0.02	3.00		ion Factor: 1	,,	0.55	11021111	300.011	00/1//00	0230311
				sis Time: 23:	20					
Nitrate			WO#:	JCL001CA-MS	/JCL0010	CC-MSI	O MS L	ot-Sampl	e #: D6H170407	-001
	ND	5.00	5.27	mg/L	96			300.0A	08/17/06	6230515
	ND	5.00	5.23	mg/L	95	0.78	MCAWW	300.0A	08/17/06	6230515
			Dilut	ion Factor: 1	*					
			Analy	sis Time: 23:	20					
Nitrite						CL-MSI			e #: D6H170162	
	ND	5.00	5.08	mg/L	102			300.0A	08/17/06	6230485
	ND	5.00	5.15	mg/L	103	1.3	MCAWW	300.0A	08/17/06	6230485
				ion Factor: 1						
			Analy	sis Time: 17:	13					
G7-5-5-5			T-I-O-II	TADE171 A F MG	/>	אם אומו	n Mar	at Camal	.e #: D6H010167	0.04
Sulfate	49	125	wo#: 175	mg/L	70AD5V12 101	AG-MSI		_	08/21-08/22/06	
•	49	125	175 174	mg/L	101	0.26			08/21-08/22/06	
	43	145		ion Factor: 5	100	0.26	MCHWW	300.UA	06/21-06/22/00	0234376
				sis Time: 08:	35					
			Anary	315 IIME 00.	33					
Sulfate			WO#:	JCJTR1CT-MS	/JCJTR10	CU-MSI	O MS I	ot-Sampl	e #: D6H170162	-004
	16	25.0	42.5	mg/L	107			300.0A	08/17/06	6230487
	16	25.0	42.9	mg/L	108	0.92		300.0A	08/17/06	6230487
			Dilut	ion Factor: 1					· ·	
			Analy	sis Time: 17:	13					

NOTE(S):

General Chemistry

Client Lot #...: D6H170407

Work Order #...: JCJTR-SMP

Matrix....: WATER

JCJTR-DUP

Date Sampled...: 08/16/06 09:00 Date Received..: 08/17/06

	DUPLICATE			RPD		PREPARATION-	PREP
PARAM RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
Nitrite					SD Lot-Sample #:	D6H170162-004	
ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	08/17/06	6230485
		Dilution Fa	ctor: 1	An	alysis Time: 16:40		

General Chemistry

Client Lot #...: D6H170407

Work Order #...: JCLP1-SMP

Matrix....: WATER

JCLP1-DUP

Date Sampled...: 08/16/06 17:35 Date Received..: 08/17/06

	DUPLICATE	3		RPD		PREPARATION-	PREP
PARAM RESULT	RESULT	UNITS	RPD	LIMIT	METHOD	ANALYSIS DATE	BATCH #
Chloride					SD Lot-Sample #:	D6H170374-003	
15	15	mg/L	0.039	(0-20)	MCAWW 300.0A	08/28/06	6240487
		Dilution Fa	ector. 1	Δn:	alvsis Time · 08.59		

General Chemistry

Client Lot #...: D6H170407

Work Order #...: JCM2M-SMP

Matrix..... WATER

JCM2M-DUP

Date Sampled...: 08/17/06 12:45 Date Received..: 08/18/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
рн						SD Lot-Sample #:	D6H180156-001	
	7.7	7.7	No Units	0.13	(0-5.0)	MCAWW 150.1	08/18/06	6230640
		T) i	lution Fact	or. 1	λna	lveje Time · 13.20		

General Chemistry

Client Lot #...: D6H170407

Work Order #...: JCJ9K-SMP

Matrix....: WATER

JCJ9K-DUP

Date Sampled...: 08/16/06 10:30 Date Received..: 08/17/06

PARAM RESULT Total Dissolved	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD SD Lot-Sample #:	PREPARATION- ANALYSIS DATE D6H170208-005	PREP BATCH #
Solids 860	870	mg/L	0.58	(0-20)	MCAWW 160.1	08/22/06	6234610

Custody Record Chain of

TRENT

Severn Trent Laboratories, Inc. Arvada, CO 80002 4955 Yarrow Street STL Denver

71B-559ZW-32 ASG-5597W-26 STL-4124 (0901) RCE-5592W-30 2. Relinquished By 24 Hours Sample I.D. No. and Description (Containers for each sample may be combined on one line) OGC - Gorfeid Address Relinquished By Relinquished By Non-Hazard Possible Hazard Identification Que Contract/Purchase Order/Quote No. Project Name and Location (State) Turn Around Time Required 4281 RO LDEIC 69286 ☐ 48 Hours BROADWAY ☐ Flammable ☐ 7 Days Skin Irritant ☐ Poison B ノー・レ Carnty 111 3x VDA SDDML 3× 10A 3x V0A 3x VOA 3× VIA 500-m 3× 10 A Soom 26 8 ☐ 14 Days 5703 210 Code 80302 8/16/069:36 ≺ Date 21 Days ☐ Unknown 00.2 15:00 Time Other_ Date Carrier/Waybill Numbel Telephone Number (Area Code)/Fax Number Project Manager 4 Site Contact 303 939, SSP-1049 FRAMEL 1/06 7:30 ☐ Return To Client Sample Disposal G13 Aqueou Matrix Sed. Time Soil Griasby XXXD Unpres X X X 3 Lab Contact Disposal By Lab Received By H2SO4 Received By QC Requirements (Specify) Containers & Preservatives メ X X HNO3 $\overline{\mathsf{X}}$ × HCI X NaOH ZnAc/ NaOH Archive For メメ X 300.0 X X 人 X K <u>×</u> FPA Analysis (Attach list if more space is needed) 人 160.1 303,736.0100 Date Lab Numbe Months メ X × X × longer than 1 month) 8.005 X Page ... Chain of Custody Number 336524 Special Instructions/ Conditions of Receipt Ime 15 . 3/ đ

Comments

www.isotechlabs.com mail@isotechlabs.com

Isotech Laboratories, Inc. 1308 Parkland Court Champaign, IL 61821-1826

Telephone 217/398-3490 FAX 217/398-3493

September 18, 2006

Christine Pearey SS Papadopulos & Associates 1877 Broadway, Suite 703 Boulder, CO 80303

Dear Christine:

Enclosed are the analysis reports for the water well samples recently submitted from your project SSP-1049. These samples were assigned to Isotech job numbers 7483, 7485, 7516, and 7527. These are the same data that were emailed to you earlier. If you have any questions, or if there is anything else we can do for you, please do not hesitate to contact us.

We will hold the samples until 09/29/06 in case you should want any additional analyses carried out and will then dispose of the remaining sample material. If you need us to hold the samples longer, please contact us. I have also enclosed an invoice for this work and would appreciate it if you would pass it on to the appropriate office for processing. Thank you for choosing Isotech for your analysis needs, we appreciate your business.

Sincerely,

Steven R. Pelphrey

Laboratory Manager

twen & Pelphy

Enclosure

SRP:cw

Lab #:

101873

Job #:

7483

Sample Name/Number:

Blair-5S92W-36

Company:

S S Papadopulos

Date Sampled:

8/01/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

Garfield, CO

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			·
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.35			
Oxygen	11.04			
Nitrogen	85.06			
Carbon Dioxide	2.55	-21.66		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

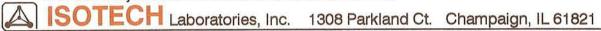
Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

1.002

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.75



Lab #:

101874

Job #:

7483

Sample Name/Number:

SUITES-5S92W-35

Company:

S S Papadopulos

Date Sampled:

7/31/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

225 CR 266

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil Carbon Monoxide ----nd nd Hydrogen Sulfide -----Helium ------0.0019 nd Hydrogen -----Argon -----1.04 Oxygen -----19.07 Nitrogen -----78.63 -19.24Carbon Dioxide -----1.26 Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

N-pentane -----

Hexanes + -----

nd



Lab #:

101875

Job #:

7483

Sample Name/Number:

Patton 5S92W-36

Company:

S S Papadopulos

Date Sampled:

7/31/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

7393 CR 233

Formation/Depth:

Sampling Point: Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd	-	·	
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.27			
Oxygen	10.68			
Nitrogen	76.08			
Carbon Dioxide	11.97	-20.90		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.71

Lab #:

101876

Job #:

7483

Sample Name/Number:

COSTAZ-6S92W-6

Company:

S S Papadopulos

Date Sampled:

8/01/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

514 CR 225

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.33			
Oxygen	13.92			
Nitrogen	72.01			
Carbon Dioxide	12.74	-22.39		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.75

Lab #:

101877

Job #:

7483

Sample Name/Number:

STEWART-6S93W-1

Company:

S S Papadopulos

Date Sampled:

7/31/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

2888 CR 210

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd	: 1		
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.49			
Oxygen	1.89			
Nitrogen	89.73			
Carbon Dioxide	6.89	-21.54		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.76



Lab #:

101878

Job #:

Sample Name/Number:

PENN-5S92W-31

Company:

S S Papadopulos

Date Sampled:

8/01/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

0318 CR 297

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

7483

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.42			
Oxygen	6.78			
Nitrogen	80.25			
Carbon Dioxide	11.55	-20.96		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.74



Lab #:

101879

Job #:

7483

Sample Name/Number:

BAIN-6S93W-10

Company:

S S Papadopulos

Date Sampled:

8/01/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

1983 CR 293

Formation/Depth:

Sampling Point: Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd		·	·
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.27			
Oxygen	17.67			
Nitrogen	72.31			
Carbon Dioxide	8.75	-21.29		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.76

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Specific gravity, calculated:

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Lab #:

101880

Job #:

7483

Sample Name/Number:

WININGTON-6293W-3

Company:

S S Papadopulos

Date Sampled:

7/31/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

720 County Rd 233

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.29			
Oxygen	20.57			
Nitrogen	69.80			
Carbon Dioxide	8.34	-20.14		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

1.047

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.71



Lab #:

101881

Job #:

7483

Sample Name/Number:

CHR-6S92W-1

Company:

S S Papadopulos

Date Sampled:

8/01/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

4073 CR 214

Formation/Depth:

Sampling Point:

Date Received:

8/04/2006

Date Reported:

8/16/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd	**************************************		
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.45			
Oxygen	1.83			
Nitrogen	91.01			
Carbon Dioxide	5.67	-21.47		
Methane	0.0393			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated:

1.007

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.74

Lab #:

101882

Job #:

7483

Sample Name/Number:

GREEN-6S93W-10

Company:

S S Papadopulos

Date Sampled:

7/31/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

1009 CR 223

Formation/Depth:

Sampling Point: Date Received:

8/04/2006

Date Reported:

8/16/2006

Delta 13C Delta D Delta 15N Chemical Component mol. % per mil per mil per mil Carbon Monoxide ----nd Hydrogen Sulfide ----nd Helium ------0.0020 Hydrogen ----nd Argon -----0.938 Oxygen -----0.554 Nitrogen -----96.27 2.24 -21.38Carbon Dioxide -----Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd nd Iso-butane -----N-butane ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Iso-pentane -----

N-pentane -----Hexanes + ------

nd nd

nd



Lab #:

101884

Job #:

7485

Sample Name/Number:

TREV-5592W-32

Company:

S S Papadopulos

Date Sampled:

8/04/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

Formation/Depth:

Sampling Point:

Date Received:

8/07/2006

Date Reported:

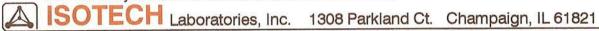
8/22/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.26			
Oxygen	8.13			
Nitrogen	83.48			
Carbon Dioxide	7.13	-20.80		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.73

0

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%



Specific gravity, calculated:

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

1.023

217/398-3490

Lab #:

101885

Job #:

7485

Sample Name/Number:

COPE-6592W-2

Company:

S S Papadopulos

Date Sampled:

8/04/2005

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

925-CR-218

Formation/Depth:

Sampling Point: Date Received:

8/07/2006

Date Reported:

8/22/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			.A
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.29			
Oxygen	24.03			
Nitrogen	68.27			
Carbon Dioxide	6.41	-20.72		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated:

Hexanes + -----

1.041

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.75



Lab #:

101886

Job #:

7485

Sample Name/Number:

ALLEN- 5S92W-30

Company:

S S Papadopulos

Date Sampled:

8/04/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

Formation/Depth:

Sampling Point:

Date Received:

8/07/2006

Date Reported:

8/22/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.32			
Oxygen	6.30			
Nitrogen	72.84			
Carbon Dioxide	19.54	-22.53		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

1.089

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.74



Lab #:

101887

Job #:

7485

Sample Name/Number:

ORTON-5S91W-31

Company:

S S Papadopulos

Date Sampled:

8/02/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

966 CR 228

Formation/Depth:

Sampling Point: Date Received:

8/07/2006

Date Reported:

8/22/2006

Delta 15N Delta 13C Delta D Chemical Component per mil mol. % per mil per mil Carbon Monoxide ----nd Hydrogen Sulfide ----nd nd Helium -----Hydrogen ----nd Argon -----1.42 Oxygen -----16.64 Nitrogen -----76.40 -20.29Carbon Dioxide -----5.54 Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd N-pentane -----

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Hexanes + ------

nd

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.74

Lab #:

101888

Job #:

7485

Sample Name/Number:

TALBOTT-6591W-4

Company:

S S Papadopulos

Date Sampled:

8/03/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

6851 CR 214

Formation/Depth:

Sampling Point:

Date Received:

8/07/2006

Date Reported:

8/22/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil 0.055 Carbon Monoxide ----nd Hydrogen Sulfide -----Helium -----nd Hydrogen ----nd 1.39 Argon -----Oxygen -----17.10 Nitrogen -----76.15 Carbon Dioxide -----5.31 -20.48nd Methane -----Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

N-pentane -----

Hexanes + -----

nd

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.72

Lab #:

101889

Job #:

7485

Sample Name/Number:

ELDERKIN-5S91W-30

Company:

S S Papadopulos

Date Sampled:

8/02/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

1513 CR 250

Formation/Depth:

Sampling Point:

Date Received:

8/07/2006

Date Reported:

8/22/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	0.072			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.33			
Oxygen	17.59			
Nitrogen	76.13			
Carbon Dioxide	4.88	-19.14		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated:

Hexanes + -----

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.67



Lab #:

101890

Job #:

7485

Sample Name/Number:

SCHOUTER-6S92W-5

Company:

S S Papadopulos

Date Sampled:

8/02/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

394 Fox Run

Formation/Depth:

Sampling Point: Date Received:

8/07/2006

Date Reported:

8/22/2006

Delta 13C Delta D Delta 15N Chemical Component per mil per mil mol. % per mil 0.054 Carbon Monoxide ----nd Hydrogen Sulfide -----Helium ----nd Hydrogen ----nd 1.51 Argon -----Oxygen -----17.23 Nitrogen -----74.27 Carbon Dioxide ------20.656.94 nd Methane -----Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd nd N-pentane -----

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Hexanes + ------

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.73

Lab #:

101891

Job #:

7485

Sample Name/Number:

CHENO-6S91W-5

Company:

S S Papadopulos

Date Sampled:

8/04/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

6411 CR 214

Formation/Depth:

Sampling Point: Date Received:

8/07/2006

Date Reported:

8/22/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil Carbon Monoxide ----nd Hydrogen Sulfide ----nd Helium ------0.0021 Hydrogen ----nd Argon -----1.16 Oxygen -----11.30 Nitrogen -----85.71 -20.07 1.83 Carbon Dioxide -----Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd nd Iso-pentane -----

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

N-pentane -----

Hexanes + -----

nd



Lab #:

101892

Job #:

7485

Sample Name/Number:

MURPH-692W-6

Company:

S S Papadopulos

Date Sampled:

8/02/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

ANTLERS RD

Formation/Depth:

Sampling Point: Date Received:

8/07/2006

Date Reported:

8/22/2006

Delta 13C Delta D Delta 15N Chemical Component mol. % per mil per mil per mil Carbon Monoxide -----0.060 Hydrogen Sulfide ----nd Helium ----nd Hydrogen ----nd Argon -----1.46 Oxygen -----13.51 Nitrogen -----73.32 Carbon Dioxide -----11.65 -21.67

Methane ----nd Ethane ----nd

Ethylene ----nd

Propane ----nd Iso-butane ----nd N-butane ----nd

Iso-pentane ----nd N-pentane ----nd

Hexanes + -----nd

0

Specific gravity, calculated:

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.71

Lab #:

101893

Job #:

7485

Sample Name/Number:

GREEN -9S93W-11

Company:

S S Papadopulos

Date Sampled:

8/02/2006

Container:

Round Plastic Bottle

Field/Site Name:

SSP-1049

Location:

Formation/Depth:

Sampling Point: Date Received:

8/07/2006

Date Reported:

8/22/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd	-		3
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.39			
Oxygen	2.69			
Nitrogen	89.04			
Carbon Dioxide	6.88	-21.80		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated:

1.015

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.67

Lab #:

102395

Job #:

7516

Sample Name/Number:

Armstrong-5S91W-30

Company:

S S Papadopulos

Date Sampled:

8/07/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

0413 Ingersoll Ln.

Formation/Depth:

Sampling Point:

8/15/2006

Date Reported:

9/15/2006

Date Received:

Chamiaal

Delta 13C Delta D per mil per mil

Delta 15N per mil

Component	mol. %
Carbon Monoxide	0.011
Hydrogen Sulfide	nd
Helium	0.0029
Hydrogen	nd
Argon	1.04
Oxygen	8.94
Nitrogen	89.32
Carbon Dioxide	0.68
Methane	0.0049
Ethane	nd
Ethylene	nd
Propage	nd

-18.84

Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd N-pentane ----nd Hexanes + ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

0.988

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%



Laboratories, Inc.

1308 Parkland Ct. Champaign, IL 61821

217/398-3490

Lab #:

102396

Job #: 7516

Sample Name/Number:

Miller-5S92W-34

Company:

S S Papadopulos

Date Sampled:

8/07/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

520 CR 259

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd			
Hydrogen Sulfide	nd			
Helium	0.130			
Hydrogen	nd			
Argon	0.832			
Oxygen	2.37			
Nitrogen	95.37			
Carbon Dioxide	1.30	-20.95		
Methane	0.0022			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated:

Hexanes + -----



Lab #:

102397

Job #:

7516

Sample Name/Number:

ZAR-6S92W-3

Company:

S S Papadopulos

Date Sampled:

8/09/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

0970 CR 231

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Delta 13C Delta D Delta 15N Chemical Component mol. % per mil per mil per mil Carbon Monoxide ----nd nd Hydrogen Sulfide -----Helium ----nd Hydrogen ----nd Argon -----1.48 Oxygen -----13.48 Nitrogen -----73.82 11.22 -21.47Carbon Dioxide -----Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd N-pentane ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Hexanes + -----

1.054

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.77



Lab #:

102398

Job #:

7516

Sample Name/Number:

Bellio 2-5S91W-32

Company:

S S Papadopulos

Date Sampled:

8/09/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

2543 CR 214

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil Carbon Monoxide -----0.028 nd Hydrogen Sulfide -----Helium ----nd Hydrogen ----nd Argon -----1.35 Oxygen -----18.25 Nitrogen -----72.90 Carbon Dioxide -----7.47 -22.27Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated: 1.039

N-pentane -----

Hexanes + -----

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.73

0

Lab #:

102399

Job #:

7516

Sample Name/Number:

Oliver-5S92W-26

Company:

S S Papadopulos

Date Sampled:

8/08/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

435 Odin

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil Carbon Monoxide ----nd Hydrogen Sulfide ----nd Helium ----nd Hydrogen ----nd Argon -----1.45 Oxygen -----25.10 Nitrogen -----70.37 Carbon Dioxide -----3.08 -18.61Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd Iso-pentane ----nd N-pentane ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Hexanes + -----

1.025

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.77



Lab #:

102400

Job #:

7516

Sample Name/Number:

Layman-5592W-25

Company:

S S Papadopulos

Date Sampled:

8/09/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

403 CR 250

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	0.039			
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.50			
Oxygen	3.50			
Nitrogen	83.17			
Carbon Dioxide	11.79	-21.16		
Methane	nd			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
202 T 2				

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

N-pentane -----

Hexanes + -----

1.043

nd

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.76



Lab #:

102401

Job #:

7516

Sample Name/Number:

Whitt-6S91W-6

Company:

S S Papadopulos

Date Sampled:

8/08/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

4791 CR 214

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil Carbon Monoxide ----nd Hydrogen Sulfide ----nd Helium -----0.0288 Hydrogen ----nd 1.29 Argon -----Oxygen -----5.04 Nitrogen -----90.57 Carbon Dioxide -----3.07 -21.57Methane -----0.0044 Ethane ----nd Ethylene ----nd Propane -----Iso-butane ----nd N-butane ----nd Iso-pentane ----nd N-pentane ----nd Hexanes + -----

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

Lab #:

102402

Job #:

7516

Sample Name/Number:

Hinkle-6S92W-4

Company:

S S Papadopulos

Date Sampled:

8/08/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co./COGCC

Location:

573 CR 229

Formation/Depth:

Sampling Point: Date Received:

8/15/2006

Date Reported:

9/15/2006

Chemical Delta 13C Delta D Delta 15N Component mol. % per mil per mil per mil Carbon Monoxide ----nd Hydrogen Sulfide ----nd Helium ----nd Hydrogen ----nd Argon -----1.54 Oxygen -----17.12 Nitrogen -----72.74 -20.978.60 Carbon Dioxide -----Methane ----nd Ethane ----nd Ethylene ----nd Propane ----nd Iso-butane ----nd N-butane ----nd nd Iso-pentane -----N-pentane ----nd Hexanes + ----nd

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

0

Specific gravity, calculated:

1.045

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.77



Lab #:

102484

Job #:

7527

Sample Name/Number:

Patrick

Company:

S S Papadopulos

Date Sampled:

8/15/2006

Container:

Round Plastic Bottle

Field/Site Name:

Garfield Co. WQ/Gas Sampling

Location:

Formation/Depth: Sampling Point:

Date Received:

8/18/2006

Date Reported:

8/30/2006

Component	Chemical mol. %	Delta 13C per mil	Delta D per mil	Delta 15N per mil
Carbon Monoxide	nd	0		
Hydrogen Sulfide	nd			
Helium	nd			
Hydrogen	nd			
Argon	1.30			
Oxygen	10.07			
Nitrogen	82.00			
Carbon Dioxide	6.62	-16.63		
Methane	0.0092			
Ethane	nd			
Ethylene	nd			
Propane	nd			
Iso-butane	nd			
N-butane	nd			
Iso-pentane	nd			
N-pentane	nd			
Hexanes +	nd			

Remarks: Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.73

0

nd = not detected. na = not analyzed. Isotopic composition of carbon is relative to VPDB. Isotopic composition of hydrogen is relative to VSMOW. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %. Chemical analysis based on standards accurate to within 2%

Total BTU/cu.ft. dry @ 60deg F & 14.7psia, calculated:

Specific gravity, calculated: