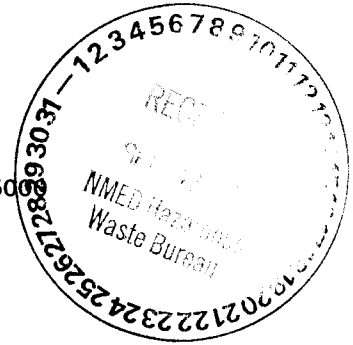


WSMR 05



DEPARTMENT OF THE ARMY
U.S. ARMY GARRISON WHITE SANDS
100 Headquarters Avenue
WHITE SANDS MISSILE RANGE, NEW MEXICO 88002-5000

01 SEP 2005



REPLY TO
ATTENTION OF

Environment and Safety Directorate

Mr. James Bearzi
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: Letter Report Submittal; Combined Results of Spring 2005 [March – May 2005] HELSTF Groundwater Sampling Event, dated July 19, 2005; IRP Sites WSMR-52 (SWMU 38 and 39), WSMR-54 (SWMU 143) and WSMR-55 (SWMU 154)

Dear Mr. Bearzi:

Enclosed you will find a letter report (1 print copy w/CD) for Installation Restoration Sites WSMR-52, 54 and 55. The report contains groundwater sampling results for March through May 2005. The report contains an attached CD which includes an electronic copy of the report as well as laboratory analytical data.

A total of 25 monitoring wells are used to monitor groundwater at these sites. Low flow sampling techniques were employed during this event. **Laboratory results were consistent with past results.**

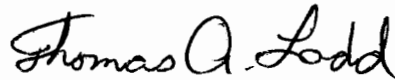
The following certification is provided as required by our permit:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Copies furnished, with enclosure (1 print copy w/CD), to Ms. Cheryl Frischkorn, NMED-HWB; Mr. Chuck Hendrickson, Region VI EPA; Ms. Stephanie Sigler, U.S. Army Environmental Center; and, without enclosure, to Mr. John Kieling, NMED-HWB; and White Sands Technical Services, LLC.

Should you have any questions regarding this matter, please contact Mr. Jose Gallegos at (505) 678-1007.

Sincerely,



Thomas A. Ladd
Director, Environment and Safety Directorate

Enclosure



White Sands Technical Services, LLC
Bldg 126 3rd Floor
PO Box 363
WSMR, NM 88002
Phone: (505) 678 - 0263
Fax: (505) 678 - 6096

25 July 2005
WTS-05-0162

U.S. Army White Sands Missile Range
100 Headquarters Avenue
ATTN: IMSW-WSM-ES (Ms. Y. Romero)
White Sands Missile Range, NM 88002-5000

Subject: TO-4, -5, and 6 Combined HELSTF Groundwater Monitoring Report

Reference: Contract W9124Q-04-D-0012

Dear Ms. Romero:

This is to deliver the letter report

Combined results of Spring 2005 HELSTF Groundwater Sampling Event

Comments are not required. Should you have any questions or require additional information, please contact me at 678-7907 or Mr. John Mills at 678-0891.

Sincerely,
White Sands Technical Services, LLC

John Mills Deputy Director for

Edward H. Martinez
Program Manager

Encl/as

cc: Jose Gallegos, Technical Inspector, WSM-ES-EC (w/enclosure)
WS-ES Library, (w/enclosure)
William Little, WTS (w/enclosures)

LETTER REPORT

The following letter report was prepared under Contract W9124Q-04-D-0012, TO Nos. 4, 5, and 6.

1. TITLE

Combined results of Spring 2005 HELSTF Groundwater Sampling Event

2. DATE

19 July 2005

3. INTRODUCTION

There is a requirement for semi-annual groundwater sampling at former HELSTF Construction Landfills (WSMR-52, SWMUs 38 & 39), HELSTF Storage Chromate Spill Site (WSMR-54, SWMU 143), and HELSTF Systemic Diesel Spill Site (WSMR-55, SWMU 154). This is the letter report conveying the results of the first sampling event for calendar year 2005. A comprehensive interpretive report will be prepared after the second event is completed.

4. BACKGROUND

This is a continuation of the ongoing groundwater monitoring program at HELSTF. During 2004, WSMR elected to combine all three sampling events into a single report and to initiate a low-flow sampling regime.

5. DISCUSSION

This was the first event in which low-flow sampling techniques were employed. The production rate was generally set at 250 mL/min and the sample collected when temperature and conductivity stabilized. Dates of sampling events:

- WSMR-52, SWMUs 38 & 39: Construction Landfill: 23 – 30 March 2005
- WSMR-54, SWMU 143: Chrome Spill: 5 – 8 April 2005
- WSMR-55, SWMU 154: Systemic Diesel Spill: 4 – 18 May 2005

The analytical schedule for each event is as shown on tables 1 – 3.

TABLE 1. HELSTF CONSTRUCTION LANDFILL

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time	Container/ Preservative
Water Quality					
Cyanide (First event only)	SW846 9010B	Distillation	0.02 mg/L	14 days	1-L plastic, NaOH pH>12
CO ₃ ²⁻ & HCO ₃ ⁻ Alkalinity	SM 2320B	Titrimetric	5.0 mg/L	14 days	1-L plastic, no preservative
pH	SM 4500-H+	Electrometric	N/A	48 hours	
Conductance,	SM 2510B	Conductivity Meter	N/A	28 days	
TDS	SM 2540C	Gravimetric	50.0 mg/L	7 days	
Dissolved Ions					
Chloride	EPA 300.0	Ion Chromatography	1.0 mg/L	28 days	250-ml poly, Field Filtered No preservative
Fluoride			0.20 mg/L	28 days	
Bromide			0.20 mg/L	28 days	
Sulfate			1.0 mg/L	28 days	
Nitrate			0.20 mg/L	28 days	
Nitrite			0.10 mg/L	48 hours	
Ammonium Perchlorate	EPA 314.0	Spectrophotometer	5 ug/L	28 days	500mL poly, no preservative
Nutrients					
Ammonia(NH ₃ +NH ₄) TKN	SM 4500-NH3 B,E EPA 351.3	Colorimetric	1.0 mg/L 4.0 mg/L	28 days	1-L poly, H ₂ SO ₄ , pH<2

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time	Container/Preservative	
Total Metals						
Aluminum	SW846 6010B	ICP/AES	Aluminum	0.1 mg/L	180 days	500 ml plastic, HNO ₃ , pH <2
Arsenic			Arsenic	0.05 mg/L		
Barium			Barium	0.1 mg/L		
Beryllium			Beryllium	0.0025mg/L		
Boron			Boron	0.005 mg/L		
Cadmium			Cadmium	0.005 mg/L		
Chromium			Chromium	0.01 mg/L		
Cobalt			Cobalt	0.025 mg/L		
Copper			Copper	0.0125mg/L		
Iron			Iron	0.05 mg/L		
Lead			Lead	0.01 mg/L		
Manganese			Manganese	0.025 mg/L		
Molybdenum			Molybdenum	0.05 mg/L		
Nickel			Nickel	0.025 mg/L		
Phosphorous			Phosphorous	0.05 mg/L		
Selenium			Selenium	0.05 mg/L		
Silicon			Silica	0.05 mg/L		
Silver			Silver	0.0125mg/L		
Strontium	Strontium	0.005mg/L				
Tin	Tin	0.025mg/L				
Vanadium	Vanadium	0.025 mg/L				
Zinc	Zinc	0.025 mg/L				
Mercury	SW846-7470A	Cold Vapor-AA	0.0002 mg/L	28 days		
Chromium ⁶⁺	SM 3500-Cr D	Spectrophotometer	0.05 mg/L	24 hours	1L poly from Water Quality	
Dissolved Metals						
Aluminum	SW846 6010B	ICP/AES	Aluminum	0.11 mg/L	180 days	500-mL poly, field filtered and then preserved with HNO ₃
Arsenic			Arsenic	0.055 mg/L		
Barium			Barium	0.11 mg/L		
Beryllium			Beryllium	0.00275 mg/L		
Boron			Boron	0.0055 mg/L		
Cadmium			Cadmium	0.055 mg/L		
Calcium			Calcium	0.50 mg/L		
Chromium			Chromium	0.011 mg/L		
Cobalt			Cobalt	0.0275 mg/L		
Copper			Copper	0.0138 mg/L		
Iron			Iron	0.055 mg/L		
Lead			Lead	0.011 mg/L		
Lithium			Lithium	0.055 mg/L		
Magnesium			Magnesium	0.50 mg/L		
Manganese			Manganese	0.0275 mg/L		
Molybdenum			Molybdenum	0.055 mg/L		
Nickel			Nickel	0.0275 mg/L		
Potassium			Potassium	0.50 mg/L		
Selenium			Selenium	0.055 mg/L		
Silicon			Silica	0.055 mg/L		
Silver			Silver	0.0138 mg/L		
Sodium			Sodium	0.50 mg/L		
Strontium			Strontium	0.0055 mg/L		
Tin	Tin	0.0275 mg/L				
Vanadium	Vanadium	0.02 mg/L				
Zinc	Zinc	0.0275 mg/L				
Organics						
Volatile Organic Compounds	SW846 8260B	Gas Chromatography/ Mass Spectrometry	1,1,1-Trichloroethane	1.0 µg/L	14 days	3-40 ml, HCl
			1,1,2-Trichloro-			
			1,2,2-trifluoroethane	5.0 µg/L		
			2-Butanone	5.0 µg/L		
			2-Hexanone	5.0 µg/L		
			4-Methyl-2-pentanone	5.0 µg/L		
			Acetone	10.0 µg/L		
			Bromomethane	5.0 µg/L		
			Methylene chloride	5.0 µg/L		
			Other 8260 compounds	1.0 µg/L		
Petroleum Hydrocarbons	EPA 8015 B(mod) DRO&GRO	Gas Chromatography	DRO	5.0 mg/L	14 days	3-40 ml, each (6 Total) HCl, pH<2
			GRO	0.1 mg/L		
Semivolatile Organic Compounds	SW846 8270C	Gas Chromatography / Mass Spectrometry	All 8270 compounds	5 µg/L	7/40 days	1-1 ltr amber no preservative
Explosives	SW846-8330	HPLC	All compounds	0.5 µg/L	7/40 days	2-1 ltr ambers no preservative
Pesticides	SW846 8081	Gas Chromatography	Toxaphene	5 µg/L	7/40 days	2-1 ltr ambers no preservative
			All other pesticides	0.5 µg/L		

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time	Container/Preservative
Herbicides	SW846 8151	Gas Chromatography	Dalapon 1.0 ug/l 2,4-DB 0.2 ug/L Dicamba 0.2 ug/L 2,4-D 0.2 ug/L Dichoroprop 0.2 ug/L Dinoseb 0.2 ug/L MCPA 10 ug/L MCPP 10 ug/L Silvex 0.2 ug/L 2,4,5-T 0.2 ug/L	7/40 days	2-1 ltr ambers no preservative
TOC	EPA 415.1	TOC analyzer	1.0 mg/L	28 days	2-40 ml, H ₂ SO ₄ , pH<2
* Variation in laboratory detection limits may occur due to elevated TDS levels and instrument sensitivity. ** Where two number are listed, the first represents the hold time before extraction; the second, holding time following extraction.					

TABLE 2. HELSTF CHROMIUM SPILL SITE

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time	Container/Preservative
Water Quality					
CO ₃ ⁻² & HCO ₃ ⁻ Alkalinity	SM 2320B	Titrimetric	1.2 mg/L	14 days	1-L plastic, 4°C
pH Conductance, TDS	SM 4500-H+ SM 2510B SM 2540C	Electrometric Conductivity Meter Gravimetric	N/A N/A 50.0 mg/L	48 hours 28 days 7 days	plastic, no preservative
Total Cyanide (First sampling event only)	SW846 – 9010B	Distillation	0.01 mg/L	14 days	1-L plastic, NaOH,pH>12
Dissolved Ions					
Chloride Fluoride Bromide Sulfate Nitrate/Nitrite	EPA 300.0	Ion Chromatography	1.0 mg/L 0.20 mg/L 2.0 mg/L 2.0 mg/L 0.10 mg/L	28 days 28 days 28 days 28 days 48 hours	250 ml plastic, Field Filter cool to 4°C
Nutrients					
Ammonia (NH ₃ + NH ₄) TKN	SM 4500-NH3 B,E EPA 351.3	Colorimetric	0.1 mg/L 0.1 mg/L	28 days 28 days	1-L plastic, H ₂ SO ₄
Total Metals					
Aluminum Arsenic Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead Manganese Molybdenum Nickel Phosphorous Selenium Silicon Silver Strontium Tin Vanadium Zinc	SW846-6010B	ICP / AES	Aluminum 5.0 mg/L Arsenic 0.1 mg/L Barium 0.1 mg/L Beryllium 0.001 mg/L Boron 0.75 mg/L Cadmium 0.01 mg/L Chromium 0.05mg/L Cobalt 0.05 mg/L Copper 1.0 mg/L Iron 1.0 mg/L Lead 0.05 mg/L Manganese 0.2 mg/L Molybdenm 1.0 mg/L Nickel 0.2 mg/L Phosphorous 0.05mg/L Selenium 0.05mg/L Silicon 5 mg/L Silver 0.05mg/L Strontium 1.0 mg/L Tin 1.0 mg/L Vanadium 0.01mg/L Zinc 10.0mg/L	180 days	500mL plastic, HNO ₃ , pH <2
Mercury	SW846-7470A	Cold Vapor-AA	0.002 mg/L	28 days	
Chromium ⁶⁺	SM 3500-Cr D	Spectrophotometer	2 µg/L	24 hours	Use same 1L from Water Quality

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time	Container/ Preservative
Dissolved Metals					
Aluminum			Aluminum 5.0 mg/L	180 days	500 ml plastic, Field Filtered Then preserved With HNO ₃ to pH <2
Arsenic			Arsenic 0.1 mg/L		
Barium			Barium 0.1 mg/L		
Beryllium			Beryllium 0.001 mg/L		
Boron			Boron 0.75 mg/L		
Cadmium			Cadmium 0.01 mg/L		
Calcium			Calcium 1.0 mg/L		
Chromium			Chromium 0.05 mg/L		
Cobalt			Cobalt 0.05 mg/L		
Copper			Copper 1.0 mg/L		
Iron			Iron 1.0 mg/L		
Lead			Lead 0.05 mg/L		
Lithium			Lithium 0.50 mg/L		
Magnesium			Magnesium 1.0 mg/L		
Manganese			Manganese 0.2 mg/L		
Molybdenum			Molybdenum 1.0 mg/L		
Nickel			Nickel 0.2 mg/L		
Selenium			Selenium 0.05 mg/L		
Silicon			Silicon 5 mg/L		
Silver			Silver 1.0 mg/L		
Sodium			Sodium 0.05 mg/L		
Strontium			Strontium 1.0 mg/L		
Tin			Tin 1.0 mg/L		
Vanadium			Vanadium 0.01 mg/L		
Zinc			Zinc 10.0 mg/L		
Organics					
Volatile Compounds	SW846 8260	GC/MS	1,1,1-Trichloroethane 1.0 µg/L 1,1,2-Trichloro-1,2,2-trifluoroethane 5.0 µg/L 2-Butanone 5.0 µg/L 2-Hexanone 5.0 µg/L 4-Methyl-2-pentanone 5.0 µg/L Acetone 10.0 µg/L Bromomethane 5.0 µg/L Methylene chloride 5.0 µg/L Other 8260 compounds 1.0 µg/L	14 days	3-40 ml, HCl
Petroleum Hydrocarbons	SW846 8015(Mod) DRO & GRO	GC	DRO 5.0 mg/L GRO 0.1 mg/L	14 days	3-40 ml each HCl pH<2 (6 Total)
Semi-Volatiles (SVOCs)	SW846 8270C	GC-MS	All 8270 compounds 5 µg/L	7 days / 40 days	1-1ltr amber glass, no preservative
Explosives	SW846-8330	HPLC	All 8330 compounds 0.5 µg/L	7 days / 40 days	2-1L amber glass no preservative
TOC	EPA 415.1	TOC analyzer	1.0 mg/L	28 days	2-40 ml, H ₂ SO ₄ , pH<2

TABLE 3. HELSTF DIESEL SPILL SITE

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time* *Before / after extract	Container/ Preservative
Water Quality					
CO ₃ ⁻² & HCO ₃ ⁻ Alkalinity	SM 2320B	Titrimetric	1.2 mg/L	14 days	1-L plastic, 4°C plastic, no preservative
pH	SM 4500-H+	Electrometric	N/A	48 hours	
Conductance	SM 2510B	Conductivity Meter	N/A	28 days	
TDS	SM 2540C	Gravimetric	50.0 mg/L	7 days	
Dissolved Ions					
Chloride	EPA 300.0	Ion Chromatography	1.0 mg/L	28 days	250 ml plastic, Field Filtered cool to 4°C
Fluoride			0.20 mg/L	28 days	
Sulfate			2.0 mg/L	28 days	
Nitrate (NO ₃)			0.10 mg/L	48 hours	
Nitrite (NO ₂)			0.10 mg/L	48 hours	
Bromide			2.0 mg/L	28 days	

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time* *Before / after extract	Container/ Preservative
Nutrients					
Ammonia(NH ₃ +NH ₄) TKN	SM 4500-NH3 B,E EPA 351.3	Colorimetric Colorimetric	0.1 mg/L 0.1 mg/L	28 days	1-L poly, H ₂ SO ₄ , pH<2
Total Metals					
Aluminum Arsenic Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead Manganese Molybdenum Nickel Phosphorous Selenium Silicon Silver Strontium Tin Vanadium Zinc	SW846-6010B	ICP/AES	Aluminum 5.0 mg/L Arsenic 0.1 mg/L Barium 0.1mg/L Beryllium 0.001 mg/L Boron 0.75 mg/L Cadmium 0.01 mg/L Chromium 0.05 mg/L Cobalt 0.05 mg/L Copper 1.0 mg/L Iron 1.0 mg/L Lead 0.05 mg/L Manganese 0.2 mg/L Molybdenum 1.0 mg/L Nickel 0.2 mg/L Phosphorous 0.05 mg/L Selenium 0.05 mg/L Silicon 5 mg/L Silver 0.05 mg/L Strontium 1.0 mg/L Tin 1.0 mg/L Vanadium 0.01 mg/L Zinc 10.0 mg/L	180 days	500mL plastic HNO ₃ pH<2
Mercury	SW846-7470	Cold Vapor-AA	0.002mg/L	28 days	
Chromium ⁶⁺	SM 3500-Cr D	Spectrophotometer	2 ug/L	24 hours*	Use same 1L from Water Quality
Dissolved Metals					
Aluminum Arsenic Barium Beryllium Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Tin Vanadium Zinc	SW846-6010B	ICP/AES	Aluminum 5.0 mg/L Arsenic 0.1 mg/L Barium 0.1mg/L Beryllium 0.001 mg/L Boron 0.75 mg/L Cadmium 0.01 mg/L Calcium 1.0 mg/L Chromium 0.05 mg/L Cobalt 0.05 mg/L Copper 1.0 mg/L Iron 1.0 mg/L Lead** 0.05 mg/L Lithium 0.50 mg/L Magnesium 1.0 mg/L Manganese 0.2 mg/L Molybdenum 1.0 mg/L Nickel 0.2 mg/L Potassium 5.0 mg/L Selenium 0.05 mg/L Silicon 5 mg/L Silver 0.05 mg/L Sodium 1.0 mg/L Strontium 1.0 mg/L Tin 1.0 mg/L Vanadium 0.01 mg/L Zinc 10.0 mg/L	180 days	500mL plastic, Field Filtered, Then preserved With HNO ₃ to pH<2
Organics					
VOC's	SW846 8260A	GC/MS	1,1,1-Trichloroethane 1.0 µg/L 1,1,2-Trichloro- 1,2,2-trifluoroethane 5.0 µg/L 2-Butanone 5.0 µg/L 2-Hexanone 5.0 µg/L 4-Methyl-2-pentanone 5.0 µg/L Acetone 10.0 µg/L Bromomethane 5.0 µg/L Methylene chloride 5.0 µg/L Other 8260 compounds 1.0 µg/L	14 days	3-40 ml, HCl
SVOC's	SW846 8270	GC/MS	All 8270 compounds 5 µg/L	7/40 days	2-1ltr amber glass no preservative

Parameter	Reference Method	Method Type	Laboratory Detection Limits	Hold Time* *Before / after extract	Container/ Preservative
Explosives	SW846-8330	HPLC	All explosives compounds 0.5 µg/L		2-1L amber glass No preservative
Petroleum Hydrocarbons	EPA 8015 (mod) DRO and GRO	Gas Chromatography	5.0 mg/L 0.10 mg/L	14 days	3-40 ml, each (6 Total) HCl, pH<2
TOC	EPA 415.1	TOC analyzer	1.0 mg/L	28 days	2-40 ml, H ₂ SO ₄ , pH<2
* Variation in laboratory detection limits may occur due to elevated TDS levels and instrument sensitivity. ** Where two numbers are listed, the first represents the hold time before extraction; the second, holding time following extraction.					

6. ANALYSIS

The analytes detected for each site are shown in Tables 4 – 6. The associated laboratory reports are provided on the accompanying data CD. Although the native groundwater at HELSTF has a total dissolved solids content greater than 10,000 mg/L, the concentrations are compared to the New Mexico Water Quality Control Commission standards. Concentrations above those standards are **bolded**. The data shown are consistent with previous events.

7. CONCLUSIONS

None.

8. RECOMMENDATIONS

Continue sampling program as planned. Revise in light of ongoing experience with low-flow sampling results and the Phase III RFI, scheduled for FY 06.

9. WTS TASK MANAGER AND TASK COORDINATOR / PHONE NO.:

Fred Bourger, 678-3426 / William Little, 678-2853

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result_Units	Standard
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	1,1-Dichloroethene	75-35-4	0.0736	1	4.54 ug/L	5
HLSF-3839-HMW-133-0305*	3/30/2005	HMW33	4-Aminobiphenyl	92-67-1	0.000934	0.005	0.00004 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Bicarbonate Alkalinity	N/A	4	4	222 mg/L as CaC	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Bicarbonate Alkalinity	N/A	4	4	82 mg/L as CaC	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Bicarbonate Alkalinity	N/A	4	4	178 mg/L as CaC	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Bicarbonate Alkalinity	N/A	4	4	170 mg/L as CaC	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Bicarbonate Alkalinity	N/A	4	4	196 mg/L as CaC	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Bromide		0.07998	0.2	3.57 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Chloride		0.0504	0.5	1220 mg/L	250
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Chloride		0.0504	0.5	1280 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Chloride		0.31	2	5215 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Chloride		0.0504	0.5	832 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Chloride		0.0504	0.5	1020 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Chloroform	67-66-3	0.0475	1	1.74 ug/L	100
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Barium	7440-39-3	0.00984	0.01	0.013 mg/L	1
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Barium	7440-39-3	0.00984	0.01	0.018 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Barium	7440-39-3	0.00984	0.01	0.019 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Barium	7440-39-3	0.00984	0.01	0.0135 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Beryllium		0.000532	0.0025	0.012 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Boron	7440-42-8	0.003658	0.05	1.54 mg/L	0.75
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Boron	7440-42-8	0.003658	0.05	1.18 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Boron	7440-42-8	0.003658	0.05	7.82 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Boron	7440-42-8	0.003658	0.05	1.7 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Boron	7440-42-8	0.003658	0.05	1.17 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Calcium	7440-70-2	0.1017	0.5	467 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Calcium	7440-70-2	0.1017	0.5	504 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Calcium	7440-70-2	0.1017	0.5	586 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Calcium	7440-70-2	0.1017	0.5	415 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Calcium	7440-70-2	0.1017	0.5	481 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Chromium	7440-70-2	0.000437	0.01	0.025 mg/L	0.05
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Chromium	7440-70-2	0.000437	0.01	1.15 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Copper	7439-89-6	0.001642	0.0125	0.013 mg/L	1
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Copper	7439-93-2	0.001642	0.0125	0.025 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Copper	7439-93-2	0.001642	0.0125	0.0775 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Copper	7439-93-2	0.001642	0.0125	0.074 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Copper	7439-93-2	0.001642	0.0125	0.027 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Iron	7439-89-6	0.002808	0.01	0.014 mg/L	1
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Iron	7439-93-2	0.002808	0.01	0.019 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Lithium	7439-93-2	0.001972	0.005	0.618 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Lithium	7439-93-2	0.001972	0.005	0.585 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Lithium	7439-93-2	0.001972	0.005	1.51 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Lithium	7439-93-2	0.001972	0.005	0.586 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Lithium	7439-93-2	0.001972	0.005	0.53 mg/L	

Table 4

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Magnesium		0.1099	0.5	615	mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Magnesium		0.1099	0.5	308	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Magnesium		0.1099	0.5	2280	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Magnesium	7439-95-4	0.1099	0.5	487	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Magnesium		0.1099	0.5	492	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Molybdenum		0.001185	0.05	0.063	mg/L	1
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Molybdenum		0.001185	0.05	0.151	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Molybdenum		0.001185	0.05	1.07	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Molybdenum		0.001185	0.05	0.251	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Potassium		0.0454	0.5	91.8	mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Potassium		0.0454	0.5	92.4	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Potassium		0.0454	0.5	254	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Potassium	9/7/7440	0.0454	0.5	82.4	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Potassium		0.0454	0.5	129	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Selenium		0.003698	0.05	0.12	mg/L	0.05
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Selenium		0.003698	0.05	0.082	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Selenium		0.003698	0.05	0.886	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Selenium		0.003698	0.05	0.186	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Silica		0.006322	0.05	43.8	mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Silica		0.006322	0.05	14.2	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Silica		0.006322	0.05	18.7	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Silica	112945-52-5	0.006322	0.05	29.3	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Silica		0.006322	0.05	44.7	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Sodium		0.0114	0.5	1990	mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Sodium		0.0114	0.5	2100	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Sodium		0.0114	0.5	5625	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Sodium	7440-23-5	0.0114	0.5	1970	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Sodium		0.0114	0.5	1810	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Strontium		0.000457	0.005	14.6	mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Dissolved Strontium		0.000457	0.005	10.5	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Strontium		0.000457	0.005	18	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Strontium	7440-24-6	0.000457	0.005	10	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Strontium		0.000457	0.005	14.9	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Dissolved Vanadium		0.000651	0.025	0.03	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Dissolved Vanadium		0.000651	0.025	0.059	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Dissolved Vanadium	7440-62-2	0.000651	0.025	0.029	mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Dissolved Vanadium		0.000651	0.025	0.029	mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Fluoride		0.04	0.2	3.84	mg/L	1.6
HLSF-3839-HMW-035-0305	3/30/2005	HMW35	Hexavalent Chromium	7440-47-3	0.005	0.01	1.1	mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Nitrate-N		0.0217	0.2	45.2	mg/L	10
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Nitrate-N		0.0217	0.2	36.6	mg/L	
HLSF-3839-HMW-133-0305*	3/30/2005	HMW33	Nitrate-N		0.01	0.1	148	mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Nitrate-N		0.0217	0.2	25.5	mg/L	

Table 4

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result Units	Standard
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Nitrate-N	N/A	0.0217	0.2	34 mg/L	6 - 9
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	pH	N/A			7.38 s.u.	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	pH	N/A			8 s.u.	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	pH	N/A			7.6 s.u.	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	pH	N/A			7.83 s.u.	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	pH	N/A			7.41 s.u.	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Specific Conductance	N/A			12800 µMHOS/cm	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Specific Conductance	N/A			12200 µMHOS/cm	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Specific Conductance	N/A			29800 µMHOS/cm	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Specific Conductance	N/A			12000 µMHOS/cm	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Specific Conductance	N/A			11600 µMHOS/cm	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Sulfate	N/A	0.4093	0.5	6500 mg/L	600
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Sulfate	N/A	0.4093	0.5	6040 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Sulfate	N/A	0.16	1	12650 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Sulfate	N/A	0.4093	0.5	6980 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Sulfate	N/A	0.4093	0.5	5890 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Alkalinity	N/A	4	4	222 mg/L as CaC	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Alkalinity	N/A	4	4	82 mg/L as CaC	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Alkalinity	N/A	4	4	178 mg/L as CaC	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Alkalinity	N/A	4	4	170 mg/L as CaC	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Alkalinity	N/A	4	4	196 mg/L as CaC	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Aluminum	7429-90-5	0.001475	0.03	0.778 mg/L	5
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Barium		0.000984	0.01	0.016 mg/L	0.01
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Barium		0.000984	0.01	0.025 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Barium	7440-39-3	0.000984	0.01	0.125 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Barium		0.000984	0.01	0.018 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Beryllium		0.000532	0.0025	0.013 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Beryllium		0.000532	0.0025	0.013 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Beryllium		0.000307	0.0025	0.011 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Beryllium	7440-41-7	0.000532	0.0025	0.119 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Beryllium		0.000532	0.0025	0.013 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Boron		0.012798	0.005	1.58 mg/L	0.75
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Boron		0.012798	0.005	1.31 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Boron		0.012798	0.005	7.36 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Boron	7440-42-8	0.012798	0.005	1.71 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Boron		0.012798	0.005	1.24 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Chromium		0.000437	0.01	0.036 mg/L	0.05
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Chromium		0.000789	0.01	1.052 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Cobalt	7440-48-4	0.00063	0.02	0.287 mg/L	0.05
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Copper		0.001642	0.01	0.04 mg/L	1
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Copper		0.001642	0.01	0.049 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Copper		0.000516	0.01	0.074 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Copper	7440-50-8	0.001642	0.01	0.497 mg/L	

Table 4

HELSTF Const LF March 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result Units	Standard
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Copper		0.001642	0.01	0.058 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Dissolved Solids	N/A	5	5	12000 mg/L	1000
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Dissolved Solids	N/A	5	5	10700 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Dissolved Solids	N/A	5	5	30250 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Dissolved Solids	N/A	5	5	11500 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Dissolved Solids	N/A	5	5	10700 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Iron		0.002808	0.01	0.222 mg/L	1
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Iron	7439-89-6	0.002808	0.01	0.362 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Kjeldahl Nitrogen - N	7727-37-9	4	4	5.32 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Molybdenum		0.001185	0.05	0.109 mg/L	1
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Molybdenum		0.001185	0.05	0.214 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Molybdenum		0.010904	0.05	1.05 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Molybdenum		0.001185	0.05	0.321 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Organic Carbon	N/A	0.3825	1	36.9 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Organic Carbon	N/A	0.3825	1	3.79 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Organic Carbon	N/A	0.3825	1	6.69 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Organic Carbon	N/A	0.3825	1	2.38 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Phosphorous		0.004587	0.05	0.068 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Phosphorous		0.003659	0.05	0.167 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Phosphorous	7723-14-0	0.004587	0.05	1.26 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Selenium		0.003698	0.05	0.26 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Selenium		0.003698	0.05	0.172 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Selenium		0.003698	0.05	0.286 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Silica		0.006322	0.05	44.6 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Silica		0.006322	0.05	16 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Silica	112945-52-5	0.007484	0.05	17.8 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Silica		0.006322	0.05	43.6 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Silica		0.006322	0.05	45.1 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Strontium		0.000457	0.005	15.9 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Strontium		0.000457	0.005	11.8 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Strontium		0.000352	0.005	17 mg/L	
HLSF-3839-HMW-034-0305	3/23/2005	HMW34	Total Strontium	7440-24-6	0.000457	0.005	10.6 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Strontium		0.000457	0.005	16.5 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Tin		0.002379	0.025	0.208 mg/L	
HLSF-3839-HMW-032-0305	3/24/2005	HMW32	Total Tin		0.002379	0.025	0.232 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Tin		0.002379	0.025	0.23 mg/L	
HLSF-3839-HMW-029-0305	3/24/2005	HMW29	Total Vanadium		0.000371	0.025	0.037 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Total Vanadium		0.000741	0.025	0.052 mg/L	
HLSF-3839-HMW-035-0305	3/24/2005	HMW35	Total Vanadium		0.000371	0.025	0.042 mg/L	
HLSF-3839-HMW-033-0305*	3/30/2005	HMW33	Trichloroethene (TCE)	79-01-6	0.0495	1	6.87 ug/L	100

* Average of duplicate analyses

Table 5

HELSTF Chrome April 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	1,1-Dichloroethane	75-34-3	0.0299	1	1.67	ug/L	10
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	1,1-Dichloroethane	75-34-3	0.0299	1	1.1	ug/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	1,1-Dichloroethane	75-34-3	0.0299	1	2.53	ug/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	1,1-Dichloroethane	75-34-3	0.0299	1	1.09	ug/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	1,1-Dichloroethane	75-35-4	0.0736	1	1.68	ug/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	1,1-Dichloroethane	75-35-4	0.0736	1	5.15	ug/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Ammonia-N	7664-41-7	0.318	1	1.42	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Ammonia-N	7664-41-7	0.318	1	1.29	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Bicarbonate Alkalinity	N/A	4	4	158	mg/L as CaC	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Bicarbonate Alkalinity	N/A	4	4	156	mg/L as CaC	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Bicarbonate Alkalinity	N/A	4	4	414	mg/L as CaC	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Bicarbonate Alkalinity	N/A	4	4	144	mg/L as CaC	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Bicarbonate Alkalinity	N/A	4	4	156	mg/L as CaC	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Bicarbonate Alkalinity	N/A	4	4	188	mg/L as CaC	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Bicarbonate Alkalinity	N/A	4	4	128	mg/L as CaC	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Bicarbonate Alkalinity	N/A	4	4	224	mg/L as CaC	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Bicarbonate Alkalinity	N/A	4	4	156	mg/L as CaC	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Bromide	0.07998	0.2	0.2	0.64	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Bromide	0.07998	0.2	0.2	0.53	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Bromide	0.07998	0.2	0.2	1.07	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Bromide	0.07998	0.2	0.2	1.51	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Bromide	0.07998	0.2	0.2	3.3	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Bromide	0.07998	0.2	0.2	0.62	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Chloride	0.31	0.31	2	2360	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Chloride	0.31	0.31	2	656	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Chloride	0.31	0.31	2	312	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Chloride	0.31	0.31	2	332	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Chloride	0.31	0.31	2	1210	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Chloride	0.31	0.31	2	2160	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Chloride	0.31	0.31	2	5110	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Chloride	0.31	0.31	2	3380	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Chloride	0.31	0.31	2	352	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Chloroform	67-66-3	0.0475	1	1.79	ug/L	100
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Chloroform	67-66-3	0.0475	1	1.36	ug/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Chloroform	67-66-3	0.0475	1	1.07	ug/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Chloroform	67-66-3	0.0475	1	1.98	ug/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Barium	0.00984	0.01	0.01	0.013	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Barium	0.00984	0.01	0.01	0.021	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Barium	0.00984	0.01	0.01	0.015	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Barium	0.00984	0.01	0.01	0.02	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Barium	0.00984	0.01	0.01	0.01	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Barium	0.00984	0.01	0.01	0.014	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Barium	0.00984	0.01	0.01	0.01	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Beryllium	0.000532	0.0025	0.0025	0.003	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Beryllium	0.000532	0.0025	0.0025	0.003	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Beryllium	0.000532	0.0025	0.0025	0.003	mg/L	

Table 5

HELSTF Chrome April 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Beryllium		0.000532	0.0025	0.011	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Boron		0.003658	0.05	4.84	mg/L	0.75
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Boron		0.003658	0.05	3.56	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Boron		0.003658	0.05	5.48	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Boron		0.003658	0.05	3.97	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Boron		0.003658	0.05	5.64	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Boron		0.003658	0.05	5.91	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Boron		0.005444	0.005	4.98	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Boron		0.005444	0.005	2.34	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Boron		0.003658	0.05	3.81	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Calcium		0.1017	0.5	382	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Calcium		0.1017	0.5	511	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Calcium		0.1017	0.5	529	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Calcium		0.1017	0.5	455	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Calcium		0.1017	0.5	299	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Calcium		0.1017	0.5	436	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Calcium		0.1017	0.5	518	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Calcium		0.1017	0.5	436	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Calcium		0.1017	0.5	503	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Chromium		0.000437	0.01	0.165	mg/L	0.05
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Chromium		0.000437	0.01	0.23	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Chromium		0.003573	0.005	0.754	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Copper		0.001642	0.0125	0.077	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Copper		0.001642	0.0125	0.045	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Copper		0.001642	0.0125	0.052	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Copper		0.001642	0.0125	0.014	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Copper		0.001642	0.0125	0.079	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Copper		0.001273	0.0125	0.096	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Iron		0.002808	0.01	0.012	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Lithium	7439-93-2	0.001972	0.005	0.991	mg/L	
HLSF-0143-HMW-013-0405	4/8/2005	HMW13	Dissolved Lithium	7439-93-2	0.001972	0.005	0.88	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Lithium	7439-93-2	0.001972	0.005	0.721	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Lithium	7439-93-2	0.001972	0.005	0.757	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Lithium	7439-93-2	0.001972	0.005	0.906	mg/L	
HLSF-0143-HMW-039-0405	4/8/2005	HMW39	Dissolved Lithium	7439-93-2	0.001972	0.005	1.01	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Lithium	7439-93-2	0.000188	0.005	1.34	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Lithium	7439-93-2	0.000188	0.005	1.11	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Lithium	7439-93-2	0.001972	0.005	0.805	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Magnesium		0.1099	0.5	811	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Magnesium		0.1099	0.5	476	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Magnesium		0.1099	0.5	678	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Magnesium		0.1099	0.5	351	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Magnesium		0.1099	0.5	537	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Magnesium		0.1099	0.5	778	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Magnesium		0.1099	0.5	1220	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Magnesium		0.1099	0.5	934	mg/L	

Table 5

HELSTF Chrome April 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Magnesium		0.1099	0.5	405	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Manganese		0.002955	0.025	0.047	mg/L	0.2
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Molybdenum		0.001185	0.05	0.262	mg/L	1
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Molybdenum		0.001185	0.05	0.161	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Molybdenum		0.001185	0.05	0.163	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Molybdenum		0.001185	0.05	0.156	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Molybdenum		0.001185	0.05	0.386	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Molybdenum		0.001185	0.05	0.68	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Molybdenum		0.006905	0.05	1.02	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Molybdenum		0.006905	0.05	0.31	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Molybdenum		0.001185	0.05	0.146	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Selenium		0.003698	0.05	0.129	mg/L	0.05
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Selenium		0.003698	0.05	0.066	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Selenium		0.003698	0.05	0.12	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Selenium		0.005562	0.01	0.217	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Selenium		0.005562	0.01	0.15	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Silica		0.006322	0.05	24.1	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Silica		0.006322	0.05	23.5	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Silica		0.006322	0.05	20.1	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Silica		0.006322	0.05	22.8	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Silica		0.006322	0.05	28.5	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Silica		0.006322	0.05	24.9	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Silica		0.004905	0.05	11.2	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Silica		0.004905	0.05	19.7	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Silica	7440-23-5	0.006322	0.05	27.3	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Sodium		0.0114	0.5	2710	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Sodium	7440-23-5	0.0114	0.5	1065	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Sodium	7440-23-5	0.0114	0.5	769	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Sodium	7440-23-5	0.0114	0.5	699	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Sodium	7440-23-5	0.0114	0.5	2180	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Sodium	7440-23-5	0.0114	0.5	3305	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Sodium	7440-23-5	0.0114	0.5	5490	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Sodium	7440-23-5	0.0114	0.5	4030	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Sodium	7440-23-5	0.0114	0.5	652	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Strontium		0.000457	0.005	15.4	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Strontium		0.000457	0.005	16.4	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Strontium		0.000457	0.005	15.3	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Dissolved Strontium		0.000457	0.005	14.6	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Strontium		0.000457	0.005	11.1	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Strontium		0.000457	0.005	13.2	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Strontium		0.000281	0.005	19.7	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Strontium		0.000281	0.005	14	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Dissolved Strontium		0.000457	0.005	10.1	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Dissolved Vanadium		0.000651	0.025	0.036	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Dissolved Vanadium		0.000651	0.025	0.027	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Dissolved Vanadium		0.000651	0.025	0.025	mg/L	

Table 5

HELSTF Chrome April 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Dissolved Vanadium		0.000651	0.025	0.041	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Dissolved Vanadium		0.000651	0.025	0.034	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Dissolved Vanadium		0.001051	0.005	0.011	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Dissolved Vanadium		0.001051	0.005	0.008	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Fluoride		0.04	0.2	3.28	mg/L	1.6
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Fluoride		0.04	0.2	3.69	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Fluoride		0.04	0.2	5.84	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Fluoride		0.04	0.2	3.92	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Fluoride		0.04	0.2	3.21	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Fluoride		0.04	0.2	3.3	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Fluoride		0.04	0.2	5.69	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Fluoride		0.04	0.2	2.63	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Fluoride		0.04	0.2	3.21	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	GRO	86290-81-5	0.02606	0.1	0.174	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	GRO	86290-81-5	0.02606	0.1	0.11	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Hexavalent Chromium		0.005	0.01	0.178	mg/L	0.05
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Hexavalent Chromium	7440-47-3	0.005	0.01	0.038	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Hexavalent Chromium	7440-47-3	0.005	0.01	0.0322	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Hexavalent Chromium	7440-47-3	0.005	0.01	0.26	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Hexavalent Chromium	7440-47-3	0.005	0.01	1.15	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Nitrate-N		0.01	0.1	82.4	mg/L	10
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Nitrate-N		0.01	0.1	31.5	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Nitrate-N		0.01	0.1	17.4	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Nitrate-N		0.01	0.1	16.1	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Nitrate-N		0.01	0.1	43.9	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Nitrate-N		0.01	0.1	68.8	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Nitrate-N		0.01	0.1	134	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Nitrate-N		0.01	0.1	94.5	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Nitrate-N		0.01	0.1	9.66	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	pH	N/A			7.57	s.u.	6 - 9
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	pH	N/A			7.56	s.u.	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	pH	N/A			7.31	s.u.	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	pH	N/A			7.51	s.u.	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	pH	N/A			7.72	s.u.	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	pH	N/A			7.7	s.u.	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	pH	N/A			7.62	s.u.	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	pH	N/A			7.47	s.u.	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	pH	N/A			7.37	s.u.	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	sec-Butylbenzene	135-98-8	0.0439	1	1.06	ug/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Specific Conductance	N/A			17200	µMHOS/cm	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Specific Conductance	N/A			8330	µMHOS/cm	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Specific Conductance	N/A			7850	µMHOS/cm	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Specific Conductance	N/A			6560	µMHOS/cm	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Specific Conductance	N/A			13200	µMHOS/cm	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Specific Conductance	N/A			18000	µMHOS/cm	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Specific Conductance	N/A			28800	µMHOS/cm	

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Specific Conductance	N/A			22400	µMHOS/cm	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Specific Conductance	N/A			6610	µMHOS/cm	600
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Sulfate		0.16		1	7560 mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Sulfate		0.16		1	4665 mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Sulfate		0.16		1	4460 mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Sulfate		0.16		1	3900 mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Sulfate		0.16		1	5920 mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Sulfate		0.16		1	8920 mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Sulfate		0.16		1	11800 mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Sulfate		0.16		1	9810 mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Sulfate		0.16		1	3640 mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Alkalinity	N/A	4		4	158 mg/L as CaC	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Alkalinity	N/A	4		4	156 mg/L as CaC	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Alkalinity	N/A	4		4	414 mg/L as CaC	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Alkalinity	N/A	4		4	144 mg/L as CaC	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Alkalinity	N/A	4		4	156 mg/L as CaC	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Alkalinity	N/A	4		4	188 mg/L as CaC	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Alkalinity	N/A	4		4	128 mg/L as CaC	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Alkalinity	N/A	4		4	224 mg/L as CaC	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Aluminum		0.001475		0.03	1.63 mg/L	5
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Aluminum		0.001475		0.03	0.055 mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Barium		0.000529		0.01	0.013 mg/L	1
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Barium		0.000529		0.01	0.029 mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Barium		0.000529		0.01	0.022 mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Barium		0.000529		0.01	0.017 mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Barium		0.000529		0.01	0.022 mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Barium		0.000529		0.01	0.01 mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Barium		0.00045		0.01	0.015 mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Barium		0.000529		0.01	0.012 mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Beryllium		0.000307		0.0025	0.003 mg/L	0.75
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Beryllium		0.000307		0.0025	0.0028 mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Boron		0.000307		0.0025	0.003 mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Boron		0.012798		0.005	5.23 mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Boron		0.012798		0.005	3.82 mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Boron		0.012798		0.005	12.6 mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Boron		0.012798		0.005	5.33 mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Boron		0.012798		0.005	9.87 mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Boron		0.012798		0.005	6.09 mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Boron		0.005444		0.005	4.98 mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Boron		0.005444		0.005	2.34 mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Chromium		0.000789		0.01	0.165 mg/L	0.05
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Chromium		0.000789		0.01	0.05 mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Chromium		0.000789		0.01	0.239 mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Chromium		0.003573		0.005	0.769 mg/L	

Table 5

HELSTF Chrome April 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Copper		0.000516	0.01	0.078	mg/L	1
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Copper		0.000516	0.01	0.06	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Copper		0.000516	0.01	0.069	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Copper		0.000516	0.01	0.017	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Copper		0.000516	0.01	0.08	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Copper		0.001273	0.005	0.207	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Copper		0.000516	0.01	0.011	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Dissolved Solids	N/A	5	5	15000	mg/L	1000
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Dissolved Solids	N/A	5	5	7615	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Dissolved Solids	N/A	5	5	7970	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Dissolved Solids	N/A	5	5	6180	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Dissolved Solids	N/A	5	5	11900	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Dissolved Solids	N/A	5	5	19000	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Dissolved Solids	N/A	5	5	26800	mg/L	
HLSF-0143-HMW-041-0405	4/7/2005	HMW41	Total Dissolved Solids	N/A	5	5	20900	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Dissolved Solids	N/A	5	5	6420	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Iron		0.001596	0.01	0.025	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Iron		0.001596	0.01	1.13	mg/L	1
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Iron		0.001596	0.01	0.162	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Iron		0.001596	0.01	0.028	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Iron		0.001596	0.01	0.041	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Iron		0.001596	0.01	0.144	mg/L	
HLSF-0143-HMW-041-0405	4/7/2005	HMW41	Total Iron		0.0022	0.05	4.38	mg/L	10
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Iron		0.001596	0.01	0.025	mg/L	0.2
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Manganese	7727-37-9	0.000483	0.025	0.053	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Manganese		0.000483	0.025	0.098	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Molybdenum		0.010904	0.05	0.285	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Molybdenum		0.010904	0.05	0.168	mg/L	1
HLSF-0143-HMW-113-0405	4/8/2005	HMW13	Total Molybdenum		0.010904	0.05	0.164	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Molybdenum		0.010904	0.05	0.378	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Molybdenum		0.010904	0.05	0.254	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Molybdenum		0.010904	0.05	0.706	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Molybdenum		0.010904	0.05	0.725	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Molybdenum		0.006905	0.05	1.12	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Molybdenum		0.006905	0.05	0.333	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Molybdenum		0.010904	0.05	0.158	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Organic Carbon	N/A	0.3825	1	1.47	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Organic Carbon	N/A	0.3825	1	1.12	mg/L	1
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Organic Carbon	N/A	0.3825	1	5.05	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Organic Carbon	N/A	0.3825	1	1.34	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Organic Carbon	N/A	0.3825	1	1.52	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Organic Carbon	N/A	0.3825	1	1.55	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Organic Carbon	N/A	0.3825	1	2.75	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Organic Carbon	N/A	0.3825	1	2.03	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Organic Carbon	N/A	0.3825	1	1.04	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Phosphorous	7723-14-0	0.003659	0.05	0.06	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Phosphorous	7723-14-0	0.003659	0.05	0.141	mg/L	

Table 5

HELSTF Chrome April 2005

Field_Sample_Id	Collected	Well_Name	Analyte_Name	CAS_Number	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Phosphorous	7723-14-0	0.003659	0.05	0.108	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Phosphorous	7723-14-0	0.003659	0.05	0.146	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Selenium		0.00492	0.01	0.129	mg/L	0.05
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Selenium		0.00492	0.01	0.07	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Selenium		0.00492	0.01	0.12	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Selenium		0.005	0.01	0.222	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Selenium		0.005	0.01	0.156	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Silica		0.007484	0.05	26.2	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Silica		0.007484	0.05	26.5	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Silica		0.007484	0.05	39	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Silica		0.007484	0.05	29.1	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Silica		0.007484	0.05	43.8	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Silica		0.007484	0.05	25.6	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Silica		0.004905	0.05	11.2	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Silica		0.004905	0.05	20.1	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Silica		0.007484	0.05	28.3	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Strontium		0.000352	0.005	16.7	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Strontium		0.000352	0.005	17.6	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Strontium		0.000352	0.005	36.4	mg/L	
HLSF-0143-HMW-037-0405	4/6/2005	HMW37	Total Strontium		0.000352	0.005	19.5	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Strontium		0.000352	0.005	22.5	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Strontium		0.000352	0.005	13.4	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Strontium		0.000281	0.01	19.9	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Strontium		0.000281	0.01	14	mg/L	
HLSF-0143-HMW-043-0405	4/7/2005	HMW43	Total Strontium		0.000352	0.005	11.2	mg/L	
HLSF-0143-HMW-011-0405	4/7/2005	HMW11	Total Vanadium		0.000741	0.025	0.037	mg/L	
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Vanadium		0.000741	0.025	0.027	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Vanadium		0.000741	0.025	0.031	mg/L	
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Total Vanadium		0.000741	0.025	0.056	mg/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Total Vanadium		0.000741	0.025	0.034	mg/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Total Vanadium		0.001051	0.005	0.011	mg/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Total Vanadium		0.001051	0.005	0.008	mg/L	10
HLSF-0143-HMW-013-0405*	4/8/2005	HMW13	Total Zinc		0.000666	0.005	0.012	mg/L	
HLSF-0143-HMW-036-0405	4/6/2005	HMW36	Total Zinc		0.000666	0.005	0.005	mg/L	
HLSF-0143-HMW-037-0405	4/7/2005	HMW37	Trichloroethene (TCE)	79-01-6	0.0495	1	38.3	ug/L	100
HLSF-0143-HMW-038-0405	4/6/2005	HMW38	Trichloroethene (TCE)	79-01-6	0.0495	1	11	ug/L	
HLSF-0143-HMW-039-0405*	4/8/2005	HMW39	Trichloroethene (TCE)	79-01-6	0.0495	1	65.4	ug/L	
HLSF-0143-HMW-040-0405	4/5/2005	HMW40	Trichloroethene (TCE)	79-01-6	0.0495	1	1.49	ug/L	
HLSF-0143-HMW-041-0405	4/5/2005	HMW41	Trichloroethene (TCE)	79-01-6	0.0495	1	205	ug/L	

HELSTF Diesel May 2005

Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	1,1,1-Trichloroethane	0.0846	1	1.83	ug/L	60
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	1,1-Dichloroethane	0.0299	1	63.8	ug/L	25
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	1,1-Dichloroethane	0.0299	1	23.4	ug/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	1,1-Dichloroethane	0.0299	1	41.1	ug/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	1,1-Dichloroethane	0.0299	1	2.25	ug/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	1,1-Dichloroethane	0.0299	1	12.4	ug/L	
HLSF-0154-DRW-016-0505**	5/5/2005	DRW16	1,1-Dichloroethane	0.0736	1	4.29	ug/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	1,1-Dichloroethane	0.0736	1	4	ug/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	1,2,4-Trimethylbenzene	0.0336	1	10.4	ug/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	1-Methylnaphthalene	0.00118	0.005	0.0947	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	1-Methylnaphthalene	0.00118	0.005	0.078	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	1-Methylnaphthalene	0.00118	0.005	0.0369	mg/L	
HLSF-0154-HCF-003-0505**	5/18/2005	HCF03	2,4-Dimethylphenol	0.0011	0.005	0.0199	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	2,4-Dimethylphenol	0.0011	0.005	0.0156	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	2-Methylnaphthalene	0.00119	0.005	0.097	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	2-Methylnaphthalene	0.00119	0.005	0.0799	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF03	2-Methylnaphthalene	0.00119	0.005	0.0219	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF-04	2-Methylnaphthalene	0.00119	0.005	0.0219	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	4-Methylphenol / 3-Methylphenol	0.000782	0.005	0.0056	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Acenaphthene	0.00099	0.005	0.00571	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Acenaphthene	0.00099	0.005	0.00674	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Anthracene	0.00099	0.005	0.00754	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Anthracene	0.000826	0.005	0.00589	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Benzene	0.0495	1	1.11	ug/L	10
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Benzene	0.0495	1	22	ug/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Benzene	0.0495	1	24.8	ug/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Benzene	0.0495	1	1.01	ug/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Bicarbonate Alkalinity	4	4	2310	mg/L as CaC	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Bicarbonate Alkalinity	4	4	2820	mg/L as CaC	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Bicarbonate Alkalinity	4	4	1810	mg/L as CaC	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Bicarbonate Alkalinity	4	4	332	mg/L as CaC	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Bicarbonate Alkalinity	4	4	230	mg/L as CaC	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Bicarbonate Alkalinity	4	4	202	mg/L as CaC	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Bicarbonate Alkalinity	4	4	188	mg/L as CaC	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Bicarbonate Alkalinity	4	4	196	mg/L as CaC	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Bicarbonate Alkalinity	4	4	208	mg/L as CaC	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Bicarbonate Alkalinity	4	4	2270	mg/L as CaC	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Bicarbonate Alkalinity	4	4	2180	mg/L as CaC	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Bicarbonate Alkalinity	4	4	434	mg/L as CaC	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Bicarbonate Alkalinity	4	4	1070	mg/L as CaC	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Bromide	0.07998	0.2	0.74	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Bromide	0.07998	0.2	1.04	mg/L	

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Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Bromide	0.07998	0.2	1.4	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Bromide	0.07998	0.2	0.89	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Bromide	0.07998	0.2	0.62	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Bromide	0.07998	0.2	1.17	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Bromide	0.07998	0.2	1.11	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Bromide	0.07998	0.2	0.65	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Bromide	0.07998	0.2	0.73	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Bromide	0.07998	0.2	0.69	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Chloride	0.31	2	617	mg/L	250
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Chloride	0.31	2	1060	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Chloride	0.31	2	1790	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Chloride	0.31	2	914	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Chloride	0.31	2	5700	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Chloride	0.31	2	726	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Chloride	0.31	2	2410	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Chloride	0.31	2	2440	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Chloride	0.31	2	1420	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Chloride	0.31	2	136	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Chloride	0.31	2	133	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Chloride	0.31	2	721	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Chloride	0.31	2	617	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Chloroform	0.0475	1	1.63	ug/L	100
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Chloroform	0.0475	1	3.06	ug/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dibenzofuran	0.000945	0.005	0.0186	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dibenzofuran	0.000945	0.005	0.0132	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dibenzofuran	0.000945	0.005	0.0101	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Arsenic	0.008603	0.01	0.032	mg/L	0.1
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Arsenic	0.008603	0.01	0.027	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Barium	0.00984	0.01	0.019	mg/L	1
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Barium	0.00984	0.01	0.018	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Barium	0.00984	0.01	0.013	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Barium	0.00984	0.01	0.012	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Barium	0.00984	0.01	0.469	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Barium	0.00984	0.01	0.62	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Barium	0.00984	0.01	0.011	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Barium	0.00984	0.01	0.014	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Beryllium	0.000532	0.0025	0.006	mg/L	0.75
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Beryllium	0.000532	0.0025	0.006	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Boron	0.003658	0.05	6.61	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Boron	0.003658	0.05	5.26	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Boron	0.003658	0.05	7.78	mg/L	

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Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Boron	0.003658	0.05	5.83	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Boron	0.003658	0.05	2.53	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Boron	0.003658	0.05	1.69	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Boron	0.003658	0.05	1.65	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Boron	0.003658	0.05	1.59	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Boron	0.003658	0.05	1.61	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Boron	0.003658	0.05	4.87	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Boron	0.003658	0.05	5	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Boron	0.003658	0.05	4.89	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Boron	0.003658	0.05	6.24	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Calcium	0.1017	0.5	201	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Calcium	0.1017	0.5	47	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Calcium	0.1017	0.5	214	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Calcium	0.1017	0.5	461	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Calcium	0.1017	0.5	533	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Calcium	0.1017	0.5	471	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Calcium	0.1017	0.5	524	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Calcium	0.1017	0.5	547	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Calcium	0.1017	0.5	464	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Calcium	0.1017	0.5	145	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Calcium	0.1017	0.5	145	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Calcium	0.1017	0.5	451	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Calcium	0.1017	0.5	372	mg/L	0.05
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Chromium	0.000437	0.01	0.039	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Chromium	0.000437	0.01	0.038	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Chromium	0.000437	0.01	0.019	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Chromium	0.000437	0.01	0.052	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Chromium	0.000437	0.01	0.069	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Chromium	0.000437	0.01	0.067	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Chromium	0.000437	0.01	0.037	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Chromium	0.000437	0.01	0.032	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Chromium	0.000437	0.01	0.041	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Chromium	0.000437	0.01	0.039	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Cobalt	0.00063	0.025	0.037	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Copper	0.001642	0.0125	0.024	mg/L	1
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Copper	0.001642	0.0125	0.044	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Copper	0.001642	0.0125	0.039	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Copper	0.001642	0.0125	0.016	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Copper	0.001642	0.0125	0.015	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Copper	0.001642	0.0125	0.05	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Copper	0.001642	0.0125	0.018	mg/L	

Table 6

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Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Iron	0.002808	0.01	0.533	mg/L	1
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Iron	0.002808	0.01	0.077	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Iron	0.002808	0.01	0.015	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Iron	0.002808	0.01	0.031	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Iron	0.002808	0.01	0.101	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Iron	0.002808	0.01	0.02	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Iron	0.002808	0.01	0.011	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Iron	0.002808	0.01	0.021	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Iron	0.002808	0.01	0.021	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Lithium	0.001972	0.005	0.22	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Lithium	0.001972	0.005	0.141	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Lithium	0.001972	0.005	0.375	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Lithium	0.001972	0.005	0.438	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Lithium	0.001972	0.005	0.521	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Lithium	0.001972	0.005	0.308	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Lithium	0.001972	0.005	0.502	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Lithium	0.001972	0.005	0.492	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Lithium	0.001972	0.005	0.484	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Lithium	0.001972	0.005	0.865	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Lithium	0.001972	0.005	0.815	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Lithium	0.001972	0.005	0.513	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Lithium	0.001972	0.005	0.45	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Magnesium	0.1099	0.5	311	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Magnesium	0.1099	0.5	308	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Magnesium	0.1099	0.5	614	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Magnesium	0.1099	0.5	555	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Magnesium	0.1099	0.5	1860	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Magnesium	0.1099	0.5	390	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Magnesium	0.1099	0.5	798	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Magnesium	0.1099	0.5	838	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Magnesium	0.1099	0.5	627	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Magnesium	0.1099	0.5	309	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Magnesium	0.1099	0.5	297	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Magnesium	0.1099	0.5	467	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Magnesium	0.1099	0.5	363	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Manganese	0.002955	0.025	0.92	mg/L	0.2
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Manganese	0.002955	0.025	0.351	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Manganese	0.002955	0.025	0.179	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Manganese	0.002955	0.025	0.053	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Manganese	0.002955	0.025	0.057	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Manganese	0.002955	0.025	0.155	mg/L	

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Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Manganese	0.002955	0.025	0.152	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Manganese	0.002955	0.025	0.24	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Manganese	0.002955	0.025	0.221	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Manganese	0.002955	0.025	0.202	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Manganese	0.002955	0.025	0.503	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Molybdenum	0.001185	0.05	0.078	mg/L	1
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Molybdenum	0.001185	0.05	0.161	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Molybdenum	0.001185	0.05	0.378	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Molybdenum	0.001185	0.05	0.307	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Molybdenum	0.001185	0.05	0.155	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Molybdenum	0.001185	0.05	0.178	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Molybdenum	0.001185	0.05	0.057	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Nickel	0.001258	0.025	0.096	mg/L	0.2
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Nickel	0.001258	0.025	0.032	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Nickel	0.001258	0.025	1.34	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Nickel	0.001258	0.025	0.567	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Nickel	0.001258	0.025	0.72	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Nickel	0.001258	0.025	0.704	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Nickel	0.001258	0.025	0.105	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Potassium	0.0454	0.5	98.3	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Potassium	0.0454	0.5	65.8	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Potassium	0.0454	0.5	161	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Potassium	0.0454	0.5	125	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Potassium	0.0454	0.5	198	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Potassium	0.0454	0.5	112	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Potassium	0.0454	0.5	102	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Potassium	0.0454	0.5	104	mg/L	
HLSF-0154-HCF-003-0505*	5/5/2005	HCF03	Dissolved Potassium	0.0454	0.5	108	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Potassium	0.0454	0.5	88.1	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Potassium	0.0454	0.5	69.1	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Potassium	0.0454	0.5	135	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Selenium	0.003698	0.05	97.9	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Selenium	0.003698	0.05	0.083	mg/L	0.05
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Selenium	0.003698	0.05	0.078	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Selenium	0.003698	0.05	0.242	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Selenium	0.003698	0.05	0.151	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Selenium	0.003698	0.05	0.145	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Silica	0.006322	0.05	0.104	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Silica	0.006322	0.05	36.3	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Silica	0.006322	0.05	25.5	mg/L	
						41.4	mg/L	

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Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Silica	0.006322	0.05	31.5	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Silica	0.006322	0.05	13.8	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Silica	0.006322	0.05	26.2	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Silica	0.006322	0.05	40	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Silica	0.006322	0.05	39.1	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Silica	0.006322	0.05	37.8	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Silica	0.006322	0.05	40.8	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Silica	0.006322	0.05	47.6	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Silica	0.006322	0.05	34.7	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Silica	0.006322	0.05	43.1	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Sodium	0.0114	0.5	1730	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Sodium	0.0114	0.5	1580	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Sodium	0.0114	0.5	2850	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Sodium	0.0114	0.5	1940	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Sodium	0.0114	0.5	6010	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Sodium	0.0114	0.5	982	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Sodium	0.0114	0.5	2220	mg/L	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Dissolved Sodium	0.0114	0.5	2100	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Sodium	0.0114	0.5	1820	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Sodium	0.0114	0.5	500	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Dissolved Sodium	0.0114	0.5	506	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Sodium	0.0114	0.5	1590	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Sodium	0.0114	0.5	1190	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Dissolved Strontium	0.000457	0.005	6.29	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Dissolved Strontium	0.000457	0.005	4.76	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Strontium	0.000457	0.005	7.65	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Strontium	0.000457	0.005	11.3	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Dissolved Strontium	0.000457	0.005	17.6	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Dissolved Strontium	0.000457	0.005	14.3	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Dissolved Strontium	0.000457	0.005	21.2	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Strontium	0.000457	0.005	17.5	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Strontium	0.000457	0.005	9.18	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Strontium	0.000457	0.005	14.4	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Dissolved Strontium	0.000457	0.005	14.3	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Dissolved Vanadium	0.000651	0.025	0.091	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Dissolved Vanadium	0.000651	0.025	0.033	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Dissolved Vanadium	0.000651	0.025	0.029	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Dissolved Vanadium	0.000651	0.025	0.036	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Dissolved Vanadium	0.000651	0.025	0.033	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	DRO	6.6	50	21.7	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Fluorene	0.000919	0.005	0.00785	mg/L	

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Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Fluoride	0.04	0.2	2.94	mg/L	1.6
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Fluoride	0.04	0.2	2.39	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Fluoride	0.04	0.2	2.89	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Fluoride	0.04	0.2	3.45	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Fluoride	0.04	0.2	4.28	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Fluoride	0.04	0.2	1.88	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Fluoride	0.04	0.2	1.88	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Fluoride	0.04	0.2	1.76	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Fluoride	0.04	0.2	3.23	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Fluoride	0.04	0.2	2.07	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	GRO	0.02606	0.1	1.77	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Hexavalent Chromium	0.005	0.01	0.091	mg/L	0.05
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Isopropylbenzene	0.0406	1	1.51	ug/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	MTBE	0.0504	1	1.23	ug/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	MTBE	0.0504	1	3.05	ug/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Naphthalene	0.00123	0.005	0.049	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Nitrate-N	0.01	0.1	35.9	mg/L	10
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Nitrate-N	0.01	0.1	31	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Nitrate-N	0.01	0.1	33.9	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Nitrate-N	0.01	0.1	21.9	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Nitrate-N	0.01	0.1	46.9	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Nitrate-N	0.01	0.1	36.5	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Nitrate-N	0.01	0.1	8.46	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Nitrate-N	0.01	0.1	4.21	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Nitrite-N	0.01	0.1	7.41	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	pH			6.67	s.u.	6 - 9
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	pH			6.93	s.u.	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	pH			7.16	s.u.	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	pH			7.45	s.u.	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	pH			6.92	s.u.	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	pH			7.58	s.u.	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	pH			7.47	s.u.	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	pH			7.78	s.u.	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	pH			7.43	s.u.	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	pH			7.38	s.u.	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	pH			7.37	s.u.	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Phenanthrene	0.00083	0.005	0.0216	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	sec-Butylbenzene	0.0439	1	1.04	ug/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Specific Conductance			10200	µMHOS/cm	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Specific Conductance			10500	µMHOS/cm	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Specific Conductance			16100	µMHOS/cm	

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Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Specific Conductance			13400	µMHOS/cm	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Specific Conductance			30500	µMHOS/cm	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Specific Conductance			8100	µMHOS/cm	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Specific Conductance			15950	µMHOS/cm	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Specific Conductance			13500	µMHOS/cm	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Specific Conductance			4810	µMHOS/cm	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Specific Conductance			4780	µMHOS/cm	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Specific Conductance			9960	µMHOS/cm	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Specific Conductance			8930	µMHOS/cm	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Sulfate	0.16	1	3100	mg/L	600
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Sulfate	0.16	1	1900	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Sulfate	0.16	1	5490	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Sulfate	0.16	1	6190	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Sulfate	0.16	1	13700	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Sulfate	0.16	1	4140	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Sulfate	0.16	1	6570	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Sulfate	0.16	1	6380	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Sulfate	0.16	1	534	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Sulfate	0.16	1	4800	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Sulfate	0.16	1	3710	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Alkalinity	4	4	2310	mg/L as CaC	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Alkalinity	4	4	2820	mg/L as CaC	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Alkalinity	4	4	1810	mg/L as CaC	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Alkalinity	4	4	332	mg/L as CaC	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Alkalinity	4	4	230	mg/L as CaC	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Alkalinity	4	4	202	mg/L as CaC	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Alkalinity	4	4	192	mg/L as CaC	
HLSF-0154-DRW-116-0505	5/5/2005	DRW16	Total Alkalinity	4	4	196	mg/L as CaC	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Alkalinity	4	4	208	mg/L as CaC	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Alkalinity	4	4	2225	mg/L as CaC	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Alkalinity	4	4	434	mg/L as CaC	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Alkalinity	4	4	1070	mg/L as CaC	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Aluminum	0.001475	4	0.089	mg/L	5
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Arsenic	0.007218	0.03	0.222	mg/L	0.1
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Barium	0.000529	0.01	0.019	mg/L	1
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Barium	0.000529	0.01	0.018	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Barium	0.000529	0.01	0.016	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Barium	0.000529	0.01	0.013	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Barium	0.000529	0.01	0.016	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Barium	0.000529	0.01	0.56	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Barium	0.000529	0.01	0.011	mg/L	

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Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Barium	0.000529	0.01	0.014	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Beryllium	0.000307	0.0025	0.006	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Beryllium	0.000307	0.0025	0.006	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Beryllium	0.000307	0.0025	0.003	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Beryllium	0.000307	0.0025	0.003	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Beryllium	0.000307	0.0025	0.006	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Beryllium	0.000307	0.0025	0.003	mg/L	0.75
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Boron	0.012798	0.005	6.61	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Boron	0.012798	0.005	5.5	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Boron	0.012798	0.005	8.95	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Boron	0.012798	0.005	7.03	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Boron	0.012798	0.005	2.58	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Boron	0.012798	0.005	1.76	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Boron	0.012798	0.005	2.07	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Boron	0.012798	0.005	1.64	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Boron	0.012798	0.005	5.45	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Boron	0.012798	0.005	5.12	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Boron	0.012798	0.005	6.35	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Cadmium	0.000527	0.001	0.001	mg/L	0.01
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Chromium	0.000789	0.01	0.039	mg/L	0.05
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Chromium	0.000789	0.01	0.039	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Chromium	0.000789	0.01	0.085	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Chromium	0.000789	0.01	0.777	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Chromium	0.000789	0.01	0.591	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Chromium	0.000789	0.01	8.9	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Chromium	0.000789	0.01	0.038	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Chromium	0.000789	0.01	0.046	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Chromium	0.000789	0.01	0.041	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Cobalt	0.000358	0.02	0.039	mg/L	0.05
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Copper	0.000516	0.01	0.059	mg/L	1
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Copper	0.000516	0.01	0.011	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Copper	0.000516	0.01	0.056	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Copper	0.000516	0.01	0.063	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Copper	0.000516	0.01	0.1	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Copper	0.000516	0.01	0.021	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Copper	0.000516	0.01	0.196	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Copper	0.000516	0.01	0.011	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Copper	0.000516	0.01	0.052	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Copper	0.000516	0.01	0.019	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Dissolved Solids	5	5	8350	mg/L	1000
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Dissolved Solids	5	5	7860	mg/L	

HELSTF Diesel May 2005

Table 6

Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Dissolved Solids	5	5	13000	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Dissolved Solids	5	5	11800	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Dissolved Solids	5	5	28800	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Dissolved Solids	5	5	7010	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Dissolved Solids	5	5	13700	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Dissolved Solids	5	5	11600	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Dissolved Solids	5	5	3565	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Dissolved Solids	5	5	8780	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Dissolved Solids	5	5	7760	mg/L	1
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Iron	0.001596	0.01	1.52	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Iron	0.001596	0.01	1.61	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Iron	0.001596	0.01	0.016	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Iron	0.001596	0.01	0.491	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Iron	0.001596	0.01	5.12	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Iron	0.001596	0.01	5.41	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Iron	0.001596	0.01	21.4	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Iron	0.001596	0.01	0.019	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Iron	0.001596	0.01	5.17	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Iron	0.001596	0.01	0.121	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Iron	0.001596	0.01	1.06	mg/L	10
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Kjeldahl Nitrogen - N	1.77	4	4.2	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Total Kjeldahl Nitrogen - N	1.77	4	5.32	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Kjeldahl Nitrogen - N	1.77	4	4.48	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Manganese	0.000483	0.025	0.924	mg/L	0.2
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Manganese	0.000483	0.025	0.37	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Manganese	0.000483	0.025	0.202	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Manganese	0.000483	0.025	0.068	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Manganese	0.000483	0.025	0.145	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Manganese	0.000483	0.025	0.184	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Manganese	0.000483	0.025	0.028	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Manganese	0.000483	0.025	0.241	mg/L	
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Total Manganese	0.000483	0.025	0.235	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Manganese	0.000483	0.025	0.204	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Manganese	0.000483	0.025	0.508	mg/L	1
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Molybdenum	0.010904	0.05	0.085	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Molybdenum	0.010904	0.05	0.185	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Molybdenum	0.010904	0.05	0.466	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Molybdenum	0.010904	0.05	0.31	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Molybdenum	0.010904	0.05	0.158	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Molybdenum	0.010904	0.05	0.058	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Molybdenum	0.010904	0.05	0.18	mg/L	

Table 6

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Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Molybdenum	0.010904	0.05	0.064	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Nickel	0.001826	0.01	0.104	mg/L	0.2
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Nickel	0.001826	0.01	0.016	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Nickel	0.001826	0.01	0.02	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Nickel	0.001826	0.01	0.046	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Nickel	0.001826	0.01	1.38	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Nickel	0.001826	0.01	0.965	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Nickel	0.001826	0.01	0.93	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Nickel	0.001826	0.01	0.014	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Nickel	0.001826	0.01	0.109	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Organic Carbon	0.27	1	25	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Organic Carbon	0.27	1	15	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Organic Carbon	0.27	1	9.5	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Organic Carbon	0.27	1	2.2	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Organic Carbon	0.27	1	2.6	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Organic Carbon	0.3825	1	6.15	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Organic Carbon	0.27	1	1.45	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Organic Carbon	0.27	1	0.46	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Organic Carbon	0.27	1	110	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Organic Carbon	0.27	1	9.3	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Organic Carbon	0.27	1	6.2	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Phosphorous	0.003659	0.05	0.068	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Phosphorous	0.003659	0.05	0.06	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Phosphorous	0.003659	0.05	0.079	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Phosphorous	0.003659	0.05	0.148	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Phosphorous	0.003659	0.05	0.258	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Selenium	0.00492	0.01	0.098	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Selenium	0.00492	0.01	0.098	mg/L	0.05
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Selenium	0.00492	0.01	0.245	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Selenium	0.00492	0.01	0.05	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Selenium	0.00492	0.01	0.161	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Selenium	0.00492	0.01	0.111	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Silica	0.007484	0.05	37.1	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Silica	0.007484	0.05	27	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Silica	0.007484	0.05	43.4	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Silica	0.007484	0.05	36.1	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Silica	0.007484	0.05	14.2	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Silica	0.007484	0.05	26.7	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Silica	0.007484	0.05	55.8	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Silica	0.007484	0.05	39.6	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Silica	0.007484	0.05	44.7	mg/L	

Table 6

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Field_Sample_Id	Collected	Well_Name	Analyte_Name	Detection_Limit	Reporting_Limit	Result	Units	Standard
HLSF-0154-HCF-103-0505	5/18/2005	HCF03	Total Silica	0.007484	0.05	48.2	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Silica	0.007484	0.05	35.8	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Silica	0.007484	0.05	46.5	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Strontium	0.000352	0.005	6.75	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Strontium	0.000352	0.005	5.23	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Strontium	0.000352	0.005	9.36	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Strontium	0.000352	0.005	14.7	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Strontium	0.000352	0.005	18.5	mg/L	
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Total Strontium	0.000352	0.005	16.3	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Strontium	0.000352	0.005	30.8	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Strontium	0.000352	0.005	17.8	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Strontium	0.000352	0.005	9.82	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Strontium	0.000352	0.005	15.6	mg/L	
HLSF-0154-HCF-006-0505	5/18/2005	HCF-06	Total Strontium	0.000352	0.005	15.8	mg/L	
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Vanadium	0.000741	0.025	0.026	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Vanadium	0.000741	0.025	0.103	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Vanadium	0.000741	0.025	0.041	mg/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Total Vanadium	0.000741	0.025	0.208	mg/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Total Vanadium	0.000741	0.025	0.03	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Vanadium	0.000741	0.025	0.04	mg/L	
HLSF-0154-HCF-004-0505	5/18/2005	HCF-04	Total Vanadium	0.000741	0.025	0.033	mg/L	
HLSF-0154-DRW-004-0505	5/17/2005	DRW04	Total Zinc	0.000666	0.005	0.009	mg/L	10
HLSF-0154-DRW-005-0505	5/17/2005	DRW05	Total Zinc	0.000666	0.005	0.006	mg/L	
HLSF-0154-DRW-006-0505	5/9/2005	DRW06	Total Zinc	0.000666	0.005	0.007	mg/L	
HLSF-0154-DRW-008-0505	5/5/2005	DRW08	Total Zinc	0.000666	0.005	0.006	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Total Zinc	0.000666	0.005	0.005	mg/L	
HLSF-0154-HCF-003-0505*	5/18/2005	HCF03	Total Zinc	0.000666	0.005	0.072	mg/L	
HLSF-0154-DRW-012-0505	5/17/2005	DRW12	Trichloroethene (TCE)	0.0495	1	10.8	ug/L	100
HLSF-0154-DRW-013-0505	5/4/2005	DRW13	Trichloroethene (TCE)	0.0495	1	2.28	ug/L	
HLSF-0154-DRW-016-0505*	5/5/2005	DRW16	Trichloroethene (TCE)	0.0495	1	87.6	ug/L	
HLSF-0154-DRW-017-0505	5/5/2005	DRW17	Trichloroethene (TCE)	0.0495	1	1.8	ug/L	