State of Washington
Department of Fish and Wildlife

Mailing Address: 600 Capitol Way N, Olympia WA 98501-1091, (360) 902-2200, TDD (360) 902-2207
Main Office Location: Natural Resources Building, 1111 Washington Street SE, Olympia WA

May 24, 2012

Mr. Jonathan Jennings
Aquatic Pesticide Program
Department of Ecology
Post Office Box 47600
Olympia, Washington 98504-7600

Re: NPDES Permit WA0041009 Annual Report

Dear Mr. Jennings:

Enclosed are Washington Department of Fish and Wildlife's Post-Treatment Discharge Monitoring Reports for Kings Lake (Pend Oreille County), treated on September 27, 2011; Alta Lake (Okanogan County), treated October 4-5, 2011; Fish Lake (Okanogan County), treated October 25, 2011; and Schallow Pond (Okanogan County), treated October 26, 2011. In all, four lakes were directly treated with or exposed to rotenone and were monitored under the requirements of NPDES Waste Discharge Individual Permit Number WA0041009 during the fall of 2011. All other pertinent documentation, as mandated by the reporting requirement under S3.A of NPDES Waste Discharge Individual Permit Number WA0041009, is included. Zooplankton monitoring, as required by NPDES Waste Discharge Individual Permit Number WA0041009, is enclosed in this packet, but reported separately from the Post-Treatment Discharge Monitoring Reports.

Also enclosed is a copy of the amended FSEIS for the lakes proposed for treatment in the fall of 2011, including all SEPA comments, results and decisions, as well as the 2012-2013 Lake and Stream Rehabilitation Proposal list.

Please feel free to contact me at (509) 892-1001 ext. 307 or email Christopher.Donley@dfw.wa.gov with any questions.

Sincerely,

Chris Donley
Inland Fish Program Manager

Enclosures

cc: Craig Burley, WDFW Olympia
Bill Baker, WDFW Colville

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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.

POST-TREATMENT DISCHARGE MONITORING REPORTS FOR 2011-2012

Okanogan County

Alta Lake
Fish Lake
Schallow Pond

Pend Oreille County

Kings Lake

FSEIS ADDENDUM

WDFW LAKE REHABILITATION

PROJECT PROPOSALS

2011-2012

PRELIMINARY LIST OF 2012-2013
PROPOSED WATERS FOR TREATMENT

Grant County
Burke Lake
East Sage Lake
Janet Lake
Katy Lake
Marco Polo Lake
Quincy Lake
West Sage Lake

Okanogan County
Little Beaver Lake
Spectacle Lake

Spokane County
Fish Lake

Washington Department of Fish and Wildlife

NPDES Permit Post-Treatment Discharge Monitoring Reports for 2011-2012

Alta Lake (Okanogan Co.), Fish Lake (Okanogan Co.), Schallow Pond (Okanogan Co.) and Kings Lake (Pend Oreille Co.)

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Alta Lake

County: Okanogan

Section: 10 and 15 **Township:** 29N **Range:** 23E

Date of Treatment: October 4-5, 2011

Purpose of Treatment: Alta Lake is ranked as one of the most popular opening day fishing lakes in Okanogan county. A state park and private resort provide facilities for camping, fishing, and day use activities. Recent surveys at Alta Lake have indicated that illegal plants of common goldfish have compromised the trout fishery by directly competing with trout for available food sources. Lake treatment was necessary to remove the competing species, so that Alta can return to a trout-only water.

Name of Licensed Applicator: Robert Jateff

Lake Description: Surface Acres: 187 **Volume:** 7,293 **Acre Feet:**

Maximum Depth: 79' **Average Depth:** 39'

Stream Description: Width: N/A**, Length:** N/A

Flow Rate of Stream/Outlet (cu. ft. per sec.): N/A

Name of Fish Toxicant Product Used: CFT Legumine liquid and Prenfish powdered rotenone

Description of Treatment Method: Pump-mounted boats mixing rotenone powder with lake water and distributing mixture across surface of the lake. Airboat with attached sprayer to treat extensive cattail areas along edge of lake.

Quantity of Fish Toxicant used: 55 gallons liquid, 39,875 lbs powder

Concentration of rotenone in formulated Rotenone product: liquid @ 5%, powder @ 7.4%

Concentration of active rotenone in water: 3.0 ppm

Water conditions/quality: Water sampling conducted 10-3-2011

Depth (m)	Temp ©	pH
0.0	14.13	7.10
2.0	14.21	7.13
4.0	14.22	7.18
6.0	14.21	7.18
8.0	14.20	7.19
10.0	14.13	7.21
12.0	8.40	7.21

Detoxification of rotenone treated water (if required): Description of detoxification methods/equipment; potassium permanganate application rate (pounds per hour); flow rate of stream/outlet (cu. ft. per sec.); estimate of average concentration (ppm): N/A

Description of lake inlets(s)/outlet(s) and any temporary water control measures: N/A

Period of Toxicity: 2-4 weeks

Eradicated fish species: Common goldfish, three-spine stickleback, rainbow trout

Results of pre- and post-treatment monitoring: Prior to the treatment, the lake was sampled for various parameters including temperature, pH, and zooplankton abundance. Post-sampling included water samples for VOC, Semi-VOC, and N-Methyl-Pyrrolidone at 24 hours after treatment and 4 weeks post-treatment. Both 24-hour and four-week sampling results indicated no abnormalities or non-conformances (see attachments: ALS letters to Bob Jateff dated October 21, 2011 and November 22, 2011).

Impact on non-target organisms: None observed.

Brief description of treatment/detoxification and other comments: The treatment began at 1200 hours on October 4, 2011 and was completed at 1800 hours on October 5, 2011. The lake was treated by using pumper boats to cover most of the open water areas with follow up treatment by airboat to cover extensive cattails along the edge of the lake. Fish started to stress within an hour of treatment and by the end of the first day thousands of three-spine sticklebacks (1 ½ - 3 inches) emerged along with several hundred rainbow trout (10 - 15 inches). Some larger goldfish (10 - 12 inches) were noted on the first day, but by 24 hours post-treatment, there were thousands of both juvenile (1-3 inches) and adult (6-12 inches) goldfish dead along the entire shoreline area. By the third day, no live fish were observed, which indicated good treatment efficacy. An in-lake bioassay was conducted 4 weeks post-treatment with all fish surviving. During spring 2012, catchable rainbow will be planted to provide an immediate fishery, with a follow-up plant of fingerling rainbow.

Fish Lake

County: Okanogan

Section: 16 and 22 **Township:** 36N **Range:** 25E

Date of Treatment: October 25, 2011

Purpose of Treatment: Fish Lake, located in north-central Okanogan County, is a medium-sized lowland lake of exceptional aesthetic appeal. In years past, it has been an excellent producer of 10–12-inch rainbow trout along with larger carryover trout. Since the 2004 rehabilitation, which removed smallmouth bass, the lake has received an illegal plant of largemouth bass, which has caused the trout catch to decline both in numbers and size. In those years, the brown bullhead population has also increased leading to additional competition impacts on the trout population.

When competing species are controlled, Fish Lake is capable of producing an excellent quality trout fishery. The lake receives 30,000 spring rainbow trout fingerlings annually from Omak Hatchery. There have been many comments from the public on the decline of the trout fishery in Fish Lake, as evidenced by the lack of carryover fish in the catch. Lake rehabilitation is needed to remove competing species and to restore Fish Lake to a more robust trout fishery.

Name of Licensed Applicator: Robert Jateff

Lake Description: Surface Acres: 102 **Volume:** 2,856 **Acre Feet:**

Maximum Depth: 60' **Average Depth:** 28'

Stream Description: Width: N/A**, Length:** N/A

Flow Rate of Stream/Outlet (cu. ft. per sec.): N/A

Name of Fish Toxicant Product Used: CFT Legumine liquid and Prenfish powdered rotenone

Description of Treatment Method: Pump-mounted boats mixing rotenone powder with lake water and distributing mixture across surface of lake. Airboat with attached sprayer to treat shallow water areas that pumper boats can't reach.

Quantity of Fish Toxicant used: 10 gallons liquid, 15,631 lbs powder

Concentration of rotenone in formulated Rotenone product: liquid @ 5%, powder @ 7.4%

Concentration of active rotenone in water: 3.0 ppm
Water conditions/quality: Water sampling conducted 10-24-2011

Depth (m)	Temp ©	pH
1.8	11.08	7.68
3.7	11.04	7.64
5.7	11.03	7.61
7.6	11.02	7.54
9.5	10.88	7.43
11.3	8.53	6.85

Detoxification of rotenone treated water (if required): Description of detoxification methods/equipment; potassium permanganate application rate (pounds per hour); flow rate of stream/outlet (cu. ft. per sec.); estimate of average concentration (ppm): N/A

Description of lake inlets(s)/outlet(s) and any temporary water control measures:
N/A

Period of Toxicity: 2-4 weeks

Eradicated fish species: Brown bullhead, largemouth bass, rainbow trout, brown trout

Results of pre- and post-treatment monitoring: Prior to the treatment, the lake was sampled for various parameters including temperature, pH, and zooplankton abundance. Post sampling included water samples for VOC, Semi-VOC, and N-Methyl-Pyrrolidone at 24 hours after treatment and 4 weeks post-treatment. Both 24 hour and four week sampling results indicated no abnormalities or non-conformances (see attachments: ALS letters to Bob Jateff dated November 10, 2011 and December 12, 2011).
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Impact on non-target organisms: None observed.

Brief description of treatment/detoxification and other comments: The treatment began at 1000 hours on October 25, 2011 and was completed at 1800 hours on the same day. The lake was treated by using pumper boats to cover most of the open water areas with follow up treatment by an airboat to cover shallow water areas at north end of lake. Fish started to stress within an hour of treatment and by the end of the first day, hundreds of largemouth bass 3-8 inches in length, along with several hundred rainbow and brown trout 11-12 inches in length surfaced. Brown bullheads (7-9 inches) were also noted on the first day, but many of those were still alive but in obvious distress. By 24 hours post-treatment, there were additional brown bullheads which had died along with a number of bullheads still partially alive along the shoreline. The bullhead population appeared to be more significant than originally thought. By the third and four day, no more live fish were observed, which indicated a good treatment efficacy. An in-lake bioassay was conducted 4 weeks post-treatment, with all fish surviving. During spring 2012, catchable-size rainbow will be planted to provide an immediate fishery, with a follow-up plant of fingerling rainbow for future fisheries.

Schallow Pond

County: Okanogan

Section: 22 **Township:** 36N **Range:** 25E

Date of Treatment: October 26, 2011

Purpose of Treatment: Schallow Pond is a small water body that provides a quality hike-in experience for anglers who want to get away from more crowded production waters. Smallmouth bass had leaked into Schallow Pond from Fish Lake prior to 2004, when the last rehabilitation took place. Since the completion of the 2004 treatment, largemouth bass and brown bullheads have been illegally introduced into Fish Lake and have moved downstream into Schallow Pond. Primary management of Schallow Pond is for trout only, and the presence of bullheads and bass have seriously compromised the trout fishery there. A treatment of Schallow Pond will restore the fishery back to trout only.

Name of Licensed Applicator: Robert Jateff

Lake Description: Surface Acres: 10 **Volume:** 60 **Acre Feet:**

Maximum Depth: 10' **Average Depth:** 6'

Stream Description: Width: N/A**, Length:** N/A

Flow Rate of Stream/Outlet (cu. ft. per sec.): N/A

Name of Fish Toxicant Product Used: CFT Legumine liquid

Description of Treatment Method: Pump-mounted boats mixing rotenone powder with lake water and distributing mixture across surface of lake and a canoe with small spray tank to cover shoreline areas, and drip bottle for spring areas.

Quantity of Fish Toxicant used: 20 gallons liquid

Concentration of rotenone in formulated Rotenone product: liquid @ 5%

Concentration of active rotenone in water: 1.0 ppm

Water conditions/quality: Water sampling conducted 10-24-2011

Depth (m)	Temp ©	pH
0.0	11.08	7.68
1.0	11.04	7.64
2.0	11.03	7.61

Detoxification of rotenone treated water (if required): Description of detoxification methods/equipment; potassium permanganate application rate (pounds per hour); flow rate of stream/outlet (cu. ft. per sec.); estimate of average concentration (ppm): N/A

Description of lake inlets(s)/outlet(s) and any temporary water control measures: N/A

Period of Toxicity: 2-4 weeks

Eradicated fish species: Brown bullhead, largemouth and smallmouth bass, rainbow trout

Results of pre- and post-treatment monitoring: Prior to the treatment, the lake was sampled for various parameters including temperature, pH, and zooplankton abundance. Post sampling included water samples for VOC, Semi-VOC, and N-Methyl-Pyrrolidone at 24 hours after treatment and 4 weeks post-treatment. Both 24-hour and four-week sampling results indicated no abnormalities or non-conformances (see attachments: ALS letters to Bob Jateff dated November 10, 2011 and December 12, 2011).

Impact on non-target organisms: None observed.

Brief description of treatment/detoxification and other comments: The treatment began at 1000 hours on October 26, 2011 and was completed at 1600 hours on the same day. The lake was treated by using a pumper boat to spray the entire lake including the shoreline areas. Two inlet springs were also treated with a drip bottle for several hours with liquid rotenone. Fish started to stress within an hour of treatment and by the end of the first day several hundred largemouth and smallmouth bass (3-6 inches) along with several rainbow trout (9-10 inches) were dead on the surface. By 24 hours post-treatment there were brown bullheads, which had died along with a number of bullheads still partially alive and located where the inlet springs were entering the lake. By the third and four day, additional bullheads were found dead along the shore, with no additional live fish noted. Efficacy of the treatment may not have been 100% complete due to the influence of the spring inflow along with a lower treatment concentration (1 ppm). An in-lake bioassay was conducted 4 weeks post-treatment with all fish surviving. During spring 2012, fingerling eastern brook trout will be planted to provide a fall fishery.

Kings Lake

County: Pend Oreille.

Location: Sec's 1 and 2, T33N, R44E; 6.5 miles northeast of Usk.

DATES TREATED: September 27, 2011

PURPOSE: Kings Lake provides a brood source for westslope cutthroat trout that are planted throughout northeast Washington. Increasing rates of genetic introgression between Kings Lake westslope cutthroat and accidentally introduced rainbow trout are problematic, both in terms of procurement of sufficient numbers of cutthroat eggs and genetic integrity of the hatchery cutthroat stock used for planting lakes in proximity to wild cutthroat stocks in Pend Oreille County. Complete rehabilitation is the only feasible method of restoring Kings Lake to its intended use.

LISENCED APPLICATOR: William Baker, Washington Department of Fish and Wildlife (WDFW), District 1 Fish Biologist, Pesticide License # 78803; Chris Donley, WDFW, District 2 Fish Biologist, Pesticide License # 65173; Chad Jackson, WDFW, District 5 Fish Biologist, Pesticide License # 79808; Robert Jateff, WDFW, District 6 Fish Biologist, Pesticide License # 74965.

LAKE DESCRIPTION full pool and (at treatment, if different):

Full pool at treatment.
Surface acres: 65.0 Depth: average ~ 30 ft; maximum 55 ft
Volume: 1950 acre-feet Weight of Water: 5,299,396,128 lbs.
Connectivity: Inlets – 2 major inlets (both un-named) and one intermittent tributary. Also, some groundwater seeps. Outlet – seasonal outlet which flows only at extremely high water (e.g. during spring runoff in 1997 and 2011). No outflow at time of treatment.

TREATMENT DESCRIPTION:

Toxicant used: Rotenone - Cube powdered Fish Toxicant EPA Reg # 6458-6; Liquid CFT Legumine EPA Reg # 75338-2

	Actual Rotenone used		
	Powder	Liquid	
Date	lbs @ conc.	gals @ 5%	ppm (product)
09/27/2011	7371 @ 7.0%	30 (CFT)	1.0
Equivalent	5265 @ 5.0%		

All powder was slurried with lake water, and liquid was mixed with lake water and sprayed in shallow waters.

The lake was treated at a rotenone concentration of 1.0 ppm product (0.05 ppm actual rotenone).

Detoxification Procedures: Treated waters naturally detoxified. No detoxification was necessary, as there was no surface water connection to the outlet stream.

SPECIES OF FISH ERADICATED IN ORDER OF RELATIVE ABUNDANCE:

Species, size; estimated abundance

Rainbow trout	3-20”; thousands (maximum estimate = 4000)
Cuttbow (WCT x RB)	3-18”; thousands (maximum estimate = 3000)
Westslope cutthroat trout	3-18”; thousands (maximum estimate = 2000)

PHYSICAL CHARACTERISTICS OF THE LAKE DURING TREATMENT:
Pre-treatment water quality parameters – October 8, 2008.

Depth (m)	Water temp (^{o}C)	D.O. (mg/L)	pH	Conductivity (µS/cm)	Turbidity (NTU)
Surface	15.5	9.89	8.6	0.1690	n/a
1	15.6	9.94	8.3	0.1689	n/a
2	15.5	9.93	8.4	0.1688	n/a
3	15.5	9.93	8.4	0.1692	n/a
4	15.5	9.94	8.4	0.1694	n/a
5	15.4	9.93	8.4	0.1690	n/a
6	15.4	9.89	8.5	0.1694	n/a
7	15.4	9.91	8.5	0.1688	n/a
8	14.8	10.14	8.4	0.1672	n/a
9	14.5	10.07	8.3	0.1671	n/a
10	14.1	10.08	8.3	0.1640	n/a
11	13.7	9.52	8.1	0.1650	n/a
12	13.3	8.37	8.0	0.1630	n/a
13	12.5	7.30	7.8	0.1633	n/a
14	12.2	6.52	7.7	0.1640	n/a
15	12.1	2.45	7.5	0.1729	n/a

PRE- AND POST-TREATMENT MONITORING (all monitoring conducted as outlined in DFW’s NPDES permit WA0041009)**:**

Impact to non-targeted organisms – Zooplankton were sampled at Kings Lake for diversity and abundance just prior to treatment, and will be sampled again at six months and 12 months post-treatment. Results will be available by separate report.

Liquid rotenone formulation longevity – The shallow, shoreline areas of Kings Lake were treated with CFT. Water samples were taken in an area of the lake where the heaviest concentrations of liquid rotenone were applied (north end of the lake) 24 hours and eight weeks post-treatment to check for residues related to the carriers present in the liquid formulation of rotenone. Samples were sent to an accredited lab for analyses per EPA methods. Samples were

analyzed for 63 volatile organic compounds and 75 semi-volatile organic compounds, and detection limits were 0.2-10.0 ug/l, variously. In the 24-hour sample and the 8-week sample, the amounts of all 138 compounds potentially present in liquid rotenone formulations were below detection limits except for n-Methyl 2-Pyrrolidone (24-hr sample = 0.76 µg/L and 8-week sample = 14.0 µg/L) (See ALS letters to Bill Baker, dated October 14, 2011 and November 10, 2011)..

Period of Toxicity **–** Persistent rotenone toxicity was determined by bioassay. Live trout were held in a modified minnow trap (1 gal volume with free flow-through) in the lake and survival monitored. Trout exhibit signs of stress and lose equilibrium after three hours at rotenone concentrations of 0.05 ppm product (0.0025 ppm actual rotenone) at water temperatures of 47° F, and response is fairly uniform among individuals in similar circumstances. Rotenone is considered below detection limits when trout remain alive for at least 48 hours. Individual mortalities within a group of trout frequently occur due to mechanical damage when handled or transported/confined in relatively small containers.

Bioassay monitoring was completed 1 month post-treatment. Seven 3-inch westslope cutthroat trout were placed in a live-box at the west end of the lake. No sign of distress was observed after an hour in the lake. The live-box was checked again at 48 hours, and all fish were alive. Rotenone toxicity was determined to be below detection limits.

GENERAL DESCRIPTION OF TREATMENT PROJECT AND OTHER COMMENTS:

Treatment of Kings Lake was conducted on September 27, 2011. Conditions were generally favorable. Weather was clear and sunny, and the air temperature was 60ºF. Rotenone was loaded and delivered the morning of the treatment. A crew of 10 WDFW employees was present. The treatment was staged from a private residence on the west shoreline of the lake belonging to Brian Winkler. Two pumper-boats, each with a crew of two employees, were used to slurry powdered rotenone with lake water. Two employees applied liquid rotenone to shoreline areas using a boat rigged with a liquid pump and fire hose. Two employees managed shoreline operations. Application of powdered rotenone began at 09:00 and was completed by 14:00. Liquid rotenone was applied in the shallows of the lake beginning at 10:00 and completed by 14:00.

Rehabilitation of Kings Lake was considered successful. Dying trout were observed within two hours of beginning treatment. On the following day, large numbers of dead trout were observed throughout the lake, and no live fish were observed.

October 21, 2011

Mr. Bob Jateff
Washington Dept. of Fish and Wildlife
1550 Alder St NW
Ephrata, WA 98823

Dear Mr. Jateff,

On October 7th, 1 sample was received by our laboratory and assigned our laboratory project number 1110037. The project was identified as your Alta Lake. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	10/21/2011
		ALS JOB#:	1110037
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/7/2011
CLIENT PROJECT:	Alta Lake	COLLECTION DATE:	10/6/2011 09:00
CLIENT SAMPLE ID	A1-A5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/11/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/11/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/11/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/11/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/11/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/11/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/11/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2011 1110037 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/7/2011
CLIENT PROJECT:	Alta Lake	COLLECTION DATE:	10/6/2011 09:00
CLIENT SAMPLE ID	A1-A5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2-Dibromoethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/11/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/11/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/11/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2011 1110037 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/7/2011
CLIENT PROJECT:	Alta Lake	COLLECTION DATE:	10/6/2011 09:00
CLIENT SAMPLE ID	A1-A5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/10/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP

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CLIENT PROJECT:	Alta Lake	COLLECTION DATE:	10/6/2011 09:00
CLIENT SAMPLE ID	A1-A5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/10/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/10/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/10/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	**7.2**	2.0	1	UG/L	10/10/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/10/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**0.20**	0.020	1	UG/L	10/13/2011	ALSL

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CLIENT PROJECT:	Alta Lake	COLLECTION DATE:	10/6/2011 09:00
CLIENT SAMPLE ID	A1-A5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**113**	10/11/2011	GAP
Toluene-d8	EPA-8260	**98.3**	10/11/2011	GAP
4-Bromofluorobenzene	EPA-8260	**94.2**	10/11/2011	GAP
2-Fluorophenol	EPA-8270	**41.0**	10/10/2011	LAP
Phenol-d5	EPA-8270	**25.1**	10/10/2011	LAP
Nitrobenzene-d5	EPA-8270	**79.7**	10/10/2011	LAP
2-Fluorobiphenyl	EPA-8270	**65.9**	10/10/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**74.1**	10/10/2011	LAP
Terphenyl-d14	EPA-8270	**68.6**	10/10/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	10/21/2011
		ALS SDG#:	1110037
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake		

LABORATORY BLANK RESULTS

MB-101011W - Batch 2163 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/10/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/10/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/10/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/10/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/10/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/10/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/10/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP

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		ALS SDG#:	1110037
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake		

LABORATORY BLANK RESULTS

MB-101011W - Batch 2163 - Water by EPA-8260

Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2-Dibromoethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/10/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/10/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/10/2011	GAP

MB-100411W - Batch 2153 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP

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CLIENT PROJECT:	Alta Lake		

LABORATORY BLANK RESULTS

MB-100411W - Batch 2153 - Water by EPA-8270

Phenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/04/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	10/21/2011
		ALS SDG#:	1110037
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake		

LABORATORY BLANK RESULTS

MB-100411W - Batch 2153 - Water by EPA-8270

3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/04/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/04/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/04/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	10/21/2011
		ALS SDG#:	1110037
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2163 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**119**			10/10/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**116**	**3**		10/10/2011	GAP
Benzene - BS	EPA-8260	**109**			10/10/2011	GAP
Benzene - BSD	EPA-8260	**106**	**3**		10/10/2011	GAP
Trichloroethene - BS	EPA-8260	**117**			10/10/2011	GAP
Trichloroethene - BSD	EPA-8260	**113**	**3**		10/10/2011	GAP
Toluene - BS	EPA-8260	**107**			10/10/2011	GAP
Toluene - BSD	EPA-8260	**105**	**1**		10/10/2011	GAP
Chlorobenzene - BS	EPA-8260	**107**			10/10/2011	GAP
Chlorobenzene - BSD	EPA-8260	**105**	**2**		10/10/2011	GAP

ALS Test Batch ID: 2153 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**26.0**			10/04/2011	LAP
Phenol - BSD	EPA-8270	**28.3**	**8**		10/04/2011	LAP
2-Chlorophenol - BS	EPA-8270	**67.2**			10/04/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**69.1**	**3**		10/04/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**65.3**			10/04/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**71.6**	**9**		10/04/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**71.8**			10/04/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**71.4**	**1**		10/04/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**68.8**			10/04/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**78.5**	**13**		10/04/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**64.6**			10/04/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**72.4**	**11**		10/04/2011	LAP
Acenaphthene - BS	EPA-8270	**62.6**			10/04/2011	LAP
Acenaphthene - BSD	EPA-8270	**64.2**	**2**		10/04/2011	LAP
4-Nitrophenol - BS	EPA-8270	**17.5**			10/04/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**18.2**	**4**		10/04/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**76.6**			10/04/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**81.5**	**6**		10/04/2011	LAP
Pentachlorophenol - BS	EPA-8270	**56.7**			10/04/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**57.9**	**2**		10/04/2011	LAP
Pyrene - BS	EPA-8270	**84.7**			10/04/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS SDG#: WDOE ACCREDITATION:	10/21/2011 1110037 C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Pyrene - BSD	EPA-8270	**90.6**	**7**		10/04/2011	LAP

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1110037

Date 10/6/11 Page 1 Of 1

PROJECT ID: Alta Lake
REPORT TO COMPANY: WDFW
PROJECT MANAGER: Bob Jateff
ADDRESS: 1550 Alder St NW
Ephrata, WA
PHONE: (509) 997-0316 FAX:
P.O. NUMBER: E-MAIL:

INVOICE TO COMPANY: WDFW
ATTENTION: Bruce Bolding
ADDRESS: 600 Capital Way N
Olympia, WA 98501

ANALYSIS REQUESTED / OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	N-methyl Pyrrolidone						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. A1 - A5	10/6/11	0900	W	1							X			X						X							
2.																											
3.																											
4.																											
5.																											
6.																											
7.																											
8.																											
9.																											
10.																											

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Chad Jackson WDFW, 10/6/11, 1125
Received By:
2. Relinquished By:
Received By: Shawn Robison ALS 10/7/11 9:45

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY
Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY
OTHER:
Specify:

* Turnaround request less than standard may incur Rush Charges

November 22, 2011

Mr. Bob Jateff
Washington State Dept of Fish and Wildlife
20268 Highway 20, Suite 4
Twisp, WA 98856

Dear Mr. Jateff,

On November 8th, 1 sample was received by our laboratory and assigned our laboratory project number 1111045. The project was identified as your Alta Lake Rehabilitation. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/22/2011 1111045 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/8/2011
CLIENT PROJECT:	Alta Lake Rehabilitation	COLLECTION DATE:	11/7/2011 12:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/09/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/09/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/09/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/09/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/09/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/09/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/09/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/22/2011 1111045 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/8/2011
CLIENT PROJECT:	Alta Lake Rehabilitation	COLLECTION DATE:	11/7/2011 12:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/09/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/09/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/09/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/09/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/22/2011 1111045 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/8/2011
CLIENT PROJECT:	Alta Lake Rehabilitation	COLLECTION DATE:	11/7/2011 12:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	11/18/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	11/18/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	11/18/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/22/2011 1111045 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/8/2011
CLIENT PROJECT:	Alta Lake Rehabilitation	COLLECTION DATE:	11/7/2011 12:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	11/18/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Di-N-Butylphthalate	EPA-8270	**5.4**	2.0	1	UG/L	11/18/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**0.17**	0.050	1	UG/L	11/16/2011	ALSL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**115**	11/09/2011	GAP
Toluene-d8	EPA-8260	**92.8**	11/09/2011	GAP
4-Bromofluorobenzene	EPA-8260	**95.0**	11/09/2011	GAP
2-Fluorophenol	EPA-8270	**40.4**	11/18/2011	LAP
Phenol-d5	EPA-8270	**36.1**	11/18/2011	LAP

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CLIENT PROJECT:	Alta Lake Rehabilitation	COLLECTION DATE:	11/7/2011 12:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Nitrobenzene-d5	EPA-8270	**89.1**	11/18/2011	LAP
2-Fluorobiphenyl	EPA-8270	**62.4**	11/18/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**61.5**	11/18/2011	LAP
Terphenyl-d14	EPA-8270	**65.4**	11/18/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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		ALS SDG#:	1111045
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake Rehabilitation		

LABORATORY BLANK RESULTS

MB-110811W - Batch 2271 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/08/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/08/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/08/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/08/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/08/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/08/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/08/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP

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		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake Rehabilitation		

LABORATORY BLANK RESULTS

MB-110811W - Batch 2271 - Water by EPA-8260

1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/08/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/08/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/08/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/08/2011	GAP

MB-111411W - Batch 2297 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP

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CLIENT PROJECT:	Alta Lake Rehabilitation		

LABORATORY BLANK RESULTS

MB-111411W - Batch 2297 - Water by EPA-8270

1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	11/18/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	11/18/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	11/18/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP

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CLIENT PROJECT:	Alta Lake Rehabilitation		

LABORATORY BLANK RESULTS

MB-111411W - Batch 2297 - Water by EPA-8270

Diethylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	11/18/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	**3.4**	2.0	1	UG/L	11/18/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	11/18/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS SDG#: WDOE ACCREDITATION:	11/22/2011 1111045 C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake Rehabilitation		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2271 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**106**			11/08/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**105**	**1**		11/08/2011	GAP
Benzene - BS	EPA-8260	**99.5**			11/08/2011	GAP
Benzene - BSD	EPA-8260	**96.0**	**4**		11/08/2011	GAP
Trichloroethene - BS	EPA-8260	**102**			11/08/2011	GAP
Trichloroethene - BSD	EPA-8260	**98.0**	**4**		11/08/2011	GAP
Toluene - BS	EPA-8260	**105**			11/08/2011	GAP
Toluene - BSD	EPA-8260	**100**	**5**		11/08/2011	GAP
Chlorobenzene - BS	EPA-8260	**101**			11/08/2011	GAP
Chlorobenzene - BSD	EPA-8260	**97.2**	**4**		11/08/2011	GAP

ALS Test Batch ID: 2297 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**21.0**			11/18/2011	LAP
Phenol - BSD	EPA-8270	**23.6**	**12**		11/18/2011	LAP
2-Chlorophenol - BS	EPA-8270	**61.1**			11/18/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**64.4**	**5**		11/18/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**82.1**			11/18/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**88.9**	**8**		11/18/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**80.0**			11/18/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**81.2**	**1**		11/18/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**94.4**			11/18/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**97.5**	**3**	SQ1	11/18/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**80.6**			11/18/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**81.1**	**1**		11/18/2011	LAP
Acenaphthene - BS	EPA-8270	**67.1**			11/18/2011	LAP
Acenaphthene - BSD	EPA-8270	**67.0**	**0**		11/18/2011	LAP
4-Nitrophenol - BS	EPA-8270	**11.9**			11/18/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**10.7**	**10**		11/18/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**77.9**			11/18/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**82.2**	**5**		11/18/2011	LAP
Pentachlorophenol - BS	EPA-8270	**60.0**			11/18/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**63.8**	**6**		11/18/2011	LAP
Pyrene - BS	EPA-8270	**90.7**			11/18/2011	LAP
Pyrene - BSD	EPA-8270	**88.8**	**2**		11/18/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	11/22/2011
		ALS SDG#:	1111045
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Alta Lake Rehabilitation		

LABORATORY CONTROL SAMPLE RESULTS

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only) 1111045

Date 11-7-2011 Page 1 Of 1

PROJECT ID: ALTA LAKE REHABILITATION
REPORT TO COMPANY: WASH DEPT OF FISH + WILDLIFE
PROJECT MANAGER: BOB JATEFF
ADDRESS: 20268 Hwy 20
TWNP, WA. 98856
PHONE: 509-997-0316 FAX: 509-997-0072
P.O. NUMBER: 54212 E-MAIL: Robert.Jatteff@dfw.wa.gov
INVOICE TO COMPANY: WDFW c/o Bruce Bolding
ATTENTION: 600 Capitol Way N.
ADDRESS: Olympia WA. 98501

ANALYSIS REQUESTED / OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 EPA-8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PCB Pesticides by EPA 8081/8082	Metals-MTCA-5 RCRA-8 Pri Pol TAL	Metals Other (Specify)	TCLP-Metals VOA Semi-Vol Pest Herbs	N-Methyl Pyrrolidone				NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. 1-5	11-7-2011	1200	W	1							X			X						X					
2.																									
3.																									
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Robert Jatteff / WDFW / 11/7/2011 / 1400
Received By:
2. Relinquished By:
Received By: Shawn Robinson ALS 11/8/11 10:10

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY
Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY
OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

November 10, 2011

Mr. Bob Jateff
Washington Dept. of Fish and Wildlife
1550 Alder St NW
Ephrata, WA 98823

Dear Mr. Jateff,

On October 28th, 1 sample was received by our laboratory and assigned our laboratory project number 1110178. The project was identified as your Fish Lake. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	11/10/2011
		ALS JOB#:	1110178
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	10/26/2011 08:00
CLIENT SAMPLE ID	F1-F5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/02/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/02/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/02/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/02/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/02/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/02/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/02/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110178 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	10/26/2011 08:00
CLIENT SAMPLE ID	F1-F5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/02/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/02/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/02/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/02/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP

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CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110178 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	10/26/2011 08:00
CLIENT SAMPLE ID	F1-F5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	11/02/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110178 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	10/26/2011 08:00
CLIENT SAMPLE ID	F1-F5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	11/02/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	11/02/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	11/02/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**1.2**	0.050	1	UG/L	11/07/2011	ALSL

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110178 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	10/26/2011 08:00
CLIENT SAMPLE ID	F1-F5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**107**	11/02/2011	GAP
Toluene-d8	EPA-8260	**94.1**	11/02/2011	GAP
4-Bromofluorobenzene	EPA-8260	**106**	11/02/2011	GAP
2-Fluorophenol	EPA-8270	**40.9**	11/02/2011	LAP
Phenol-d5	EPA-8270	**35.7**	11/02/2011	LAP
Nitrobenzene-d5	EPA-8270	**93.3**	11/02/2011	LAP
2-Fluorobiphenyl	EPA-8270	**58.7**	11/02/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**64.9**	11/02/2011	LAP
Terphenyl-d14	EPA-8270	**77.8**	11/02/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	11/10/2011
		ALS SDG#:	1110178
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-102811W - Batch 2238 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/28/2011	GAP

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		ALS SDG#:	1110178
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-102811W - Batch 2238 - Water by EPA-8260

Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

MB-102711W - Batch 2250 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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		ALS SDG#:	1110178
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-102711W - Batch 2250 - Water by EPA-8270

Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/27/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/27/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/27/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-102711W - Batch 2250 - Water by EPA-8270

4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/27/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CLIENT PROJECT:	Fish Lake		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2238 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**103**			10/28/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**96.4**	**7**		10/28/2011	GAP
Benzene - BS	EPA-8260	**86.8**			10/28/2011	GAP
Benzene - BSD	EPA-8260	**90.7**	**4**		10/28/2011	GAP
Trichloroethene - BS	EPA-8260	**96.2**			10/28/2011	GAP
Trichloroethene - BSD	EPA-8260	**98.7**	**2**		10/28/2011	GAP
Toluene - BS	EPA-8260	**94.1**			10/28/2011	GAP
Toluene - BSD	EPA-8260	**93.6**	**0**		10/28/2011	GAP
Chlorobenzene - BS	EPA-8260	**93.5**			10/28/2011	GAP
Chlorobenzene - BSD	EPA-8260	**91.3**	**2**		10/28/2011	GAP

ALS Test Batch ID: 2250 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**40.7**			10/27/2011	LAP
Phenol - BSD	EPA-8270	**41.6**	**2**		10/27/2011	LAP
2-Chlorophenol - BS	EPA-8270	**79.5**			10/27/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**81.1**	**2**		10/27/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**85.9**			10/27/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**75.6**	**13**		10/27/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**102**			10/27/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**108**	**6**		10/27/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**95.3**			10/27/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**87.0**	**9**		10/27/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**88.5**			10/27/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**92.2**	**4**		10/27/2011	LAP
Acenaphthene - BS	EPA-8270	**78.1**			10/27/2011	LAP
Acenaphthene - BSD	EPA-8270	**73.1**	**7**		10/27/2011	LAP
4-Nitrophenol - BS	EPA-8270	**33.0**			10/27/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**37.4**	**12**		10/27/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**114**		SQ1	10/27/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**121**	**6**	SQ1	10/27/2011	LAP
Pentachlorophenol - BS	EPA-8270	**79.4**			10/27/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**84.6**	**6**		10/27/2011	LAP
Pyrene - BS	EPA-8270	**122**			10/27/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE:	11/10/2011
		ALS SDG#:	1110178
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Pyrene - BSD	EPA-8270	**114**	**7**		10/27/2011	LAP

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington Dept. of Fish and Wildlife 1550 Alder St NW Ephrata, WA 98823	DATE: ALS SDG#: WDOE ACCREDITATION:	11/10/2011 1110178 C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

MATRIX SPIKE RESULTS

ALS Test Batch ID: 2250 - Water by EPA-8270

Parent Sample: BATCH QC

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - MS	SW8270	**36.0**			11/02/2011	LAP
Phenol - MSD	SW8270	**40.5**	**12**		11/02/2011	LAP
2-Chlorophenol - MS	SW8270	**71.9**			11/02/2011	LAP
2-Chlorophenol - MSD	SW8270	**77.7**	**8**		11/02/2011	LAP
1,4-Dichlorobenzene - MS	SW8270	**68.5**			11/02/2011	LAP
1,4-Dichlorobenzene - MSD	SW8270	**69.5**	**1**		11/02/2011	LAP
N-Nitroso-Di-N-Propylamine - MS	SW8270	**83.6**			11/02/2011	LAP
N-Nitroso-Di-N-Propylamine - MSD	SW8270	**94.8**	**13**		11/02/2011	LAP
1,2,4-Trichlorobenzene - MS	SW8270	**79.9**			11/02/2011	LAP
1,2,4-Trichlorobenzene - MSD	SW8270	**82.8**	**4**		11/02/2011	LAP
4-Chloro-3-Methylphenol - MS	SW8270	**99.6**			11/02/2011	LAP
4-Chloro-3-Methylphenol - MSD	SW8270	**99.0**	**1**		11/02/2011	LAP
Acenaphthene - MS	SW8270	**62.3**			11/02/2011	LAP
Acenaphthene - MSD	SW8270	**66.4**	**6**		11/02/2011	LAP
4-Nitrophenol - MS	SW8270	**22.9**			11/02/2011	LAP
4-Nitrophenol - MSD	SW8270	**26.4**	**14**		11/02/2011	LAP
2,4-Dinitrotoluene - MS	SW8270	**81.6**			11/02/2011	LAP
2,4-Dinitrotoluene - MSD	SW8270	**86.2**	**5**		11/02/2011	LAP
Pentachlorophenol - MS	SW8270	**58.6**			11/02/2011	LAP
Pentachlorophenol - MSD	SW8270	**63.2**	**8**		11/02/2011	LAP
Pyrene - MS	SW8270	**92.0**			11/02/2011	LAP
Pyrene - MSD	SW8270	**98.2**	**7**		11/02/2011	LAP

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1110178

Date 10/27/11 Page 1 Of 1

PROJECT ID: Fish Lake
REPORT TO COMPANY: WDFW
PROJECT MANAGER: Bob Jateff
ADDRESS: 1550 Alder St NW
Ephrata, WA 98823
PHONE: (509) 997-0316 FAX: (509) 997-0072
P.O. NUMBER: E-MAIL: Robert.Jateff@dfw.wa.gov
INVOICE TO COMPANY: WDFW
ATTENTION: Bruce Bolding
ADDRESS: 600 Capital Way North
Olympia, WA 98501-1091

ANALYSIS REQUESTED / OTHER (Specify)

	SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	N-Methylpyrrolidone						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1.	F1-FS	10/26/11	0800	W	1							X			X						X						5	
2.																												
3.																												
4.																												
5.																												
6.																												
7.																												
8.																												
9.																												
10.																												

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Chad Jackson, WDFW, 10/27/11, 0920
   Received By:
2. Relinquished By:
   Received By: Shawn Robinson ALS 10/28/11 1:00

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

December 12, 2011

Mr. Bob Jateff
Washington State Dept of Fish and Wildlife
20268 Highway 20, Suite 4
Twisp, WA 98856

Dear Mr. Jateff,

On November 30th, 1 sample was received by our laboratory and assigned our laboratory project number 1111159. The project was identified as your Fish Lake. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111159 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/30/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/30/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/30/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111159 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/30/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/30/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111159 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111159 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**0.059**	0.050	1	UG/L	12/05/2011	ALSL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**83.0**	11/30/2011	GAP
Toluene-d8	EPA-8260	**90.9**	11/30/2011	GAP
4-Bromofluorobenzene	EPA-8260	**98.2**	11/30/2011	GAP
2-Fluorophenol	EPA-8270	**40.2**	12/07/2011	LAP
Phenol-d5	EPA-8270	**34.8**	12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

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CLIENT PROJECT:	Fish Lake	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Nitrobenzene-d5	EPA-8270	**93.5**	12/07/2011	LAP
2-Fluorobiphenyl	EPA-8270	**64.7**	12/07/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**61.7**	12/07/2011	LAP
Terphenyl-d14	EPA-8270	**83.6**	12/07/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	12/12/2011
		ALS SDG#:	1111159
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-112811W - Batch 2320 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP

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		ALS SDG#:	1111159
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-112811W - Batch 2320 - Water by EPA-8260

1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/28/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP

MB-113011W - Batch 2357 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-113011W - Batch 2357 - Water by EPA-8270

1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CLIENT PROJECT:	Fish Lake		

LABORATORY BLANK RESULTS

MB-113011W - Batch 2357 - Water by EPA-8270

Diethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CLIENT PROJECT:	Fish Lake		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2320 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**102**			11/28/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**101**	**1**		11/28/2011	GAP
Benzene - BS	EPA-8260	**89.2**			11/28/2011	GAP
Benzene - BSD	EPA-8260	**88.1**	**1**		11/28/2011	GAP
Trichloroethene - BS	EPA-8260	**95.6**			11/28/2011	GAP
Trichloroethene - BSD	EPA-8260	**94.3**	**1**		11/28/2011	GAP
Toluene - BS	EPA-8260	**99.2**			11/28/2011	GAP
Toluene - BSD	EPA-8260	**98.7**	**1**		11/28/2011	GAP
Chlorobenzene - BS	EPA-8260	**98.1**			11/28/2011	GAP
Chlorobenzene - BSD	EPA-8260	**95.4**	**3**		11/28/2011	GAP

ALS Test Batch ID: 2357 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**43.2**			12/07/2011	LAP
Phenol - BSD	EPA-8270	**43.2**	**0**		12/07/2011	LAP
2-Chlorophenol - BS	EPA-8270	**84.8**			12/07/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**79.7**	**6**		12/07/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**72.6**			12/07/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**76.1**	**5**		12/07/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**97.1**			12/07/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**110**	**12**		12/07/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**81.0**			12/07/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**87.0**	**7**		12/07/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**87.5**			12/07/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**91.8**	**5**		12/07/2011	LAP
Acenaphthene - BS	EPA-8270	**69.7**			12/07/2011	LAP
Acenaphthene - BSD	EPA-8270	**70.8**	**2**		12/07/2011	LAP
4-Nitrophenol - BS	EPA-8270	**28.5**			12/07/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**30.4**	**6**		12/07/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**97.5**			12/07/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**104**	**7**	SQ1	12/07/2011	LAP
Pentachlorophenol - BS	EPA-8270	**71.5**			12/07/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**78.5**	**9**		12/07/2011	LAP
Pyrene - BS	EPA-8270	**101**			12/07/2011	LAP
Pyrene - BSD	EPA-8270	**108**	**7**		12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	12/12/2011
		ALS SDG#:	1111159
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Fish Lake		

LABORATORY CONTROL SAMPLE RESULTS

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1111159

Date 11/29/2011 Page 1 Of 1

PROJECT ID: FISH LAKE
REPORT TO COMPANY: WDFW
PROJECT MANAGER: Bob Jateff
ADDRESS: 20268 Hwy 20
Twisp, WA. 98856
PHONE: 509-997-0316 FAX:
P.O. NUMBER: E-MAIL: Robert.Jateff@dfw.wa.gov
INVOICE TO COMPANY: WDFW
ATTENTION: Bruce Bolding
ADDRESS: 600 Capitol Way N.
Olympia, WA. 98501

ANALYSIS REQUESTED / OTHER (Specify)

	SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	N-Methyl-Pyrrolidone						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1.	1-5	11/29/2011	1200	W	1							X			X						X							
2.																												
3.																												
4.																												
5.																												
6.																												
7.																												
8.																												
9.																												
10.																												

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Robert Jateff / WDFW / 11-29-2011 / 1200
Received By:
2. Relinquished By:
Received By: Shawn Robinson ALS 11/30/11 9:40

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY
Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY
OTHER:
Specify:

* Turnaround request less than standard may incur Rush Charges

October 14, 2011

Mr. Bill Baker
Washington State Dept of Fish and Wildlife
2315 N. Discovery Pl.
Spokane Valley, WA 99216

Dear Mr. Baker,

On September 29th, 1 sample was received by our laboratory and assigned our laboratory project number 1109154. The project was identified as your Kings Lake. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE: ALS JOB#: ALS SAMPLE#:	10/14/2011 1109154 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	9/29/2011
CLIENT PROJECT:	Kings Lake	COLLECTION DATE:	9/28/2011 10:07
CLIENT SAMPLE ID	K1-K5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	09/29/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	09/29/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	09/29/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	09/29/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	09/29/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	09/29/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	09/29/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE: ALS JOB#: ALS SAMPLE#:	10/14/2011 1109154 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	9/29/2011
CLIENT PROJECT:	Kings Lake	COLLECTION DATE:	9/28/2011 10:07
CLIENT SAMPLE ID	K1-K5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	09/29/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	09/29/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	09/29/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/29/2011	GAP
Pyridine	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Aniline	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE: ALS JOB#: ALS SAMPLE#:	10/14/2011 1109154 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	9/29/2011
CLIENT PROJECT:	Kings Lake	COLLECTION DATE:	9/28/2011 10:07
CLIENT SAMPLE ID	K1-K5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
Hexachloroethane	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/05/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/05/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/05/2011	LAP
4-Nitrophenol	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP

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CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE: ALS JOB#: ALS SAMPLE#:	10/14/2011 1109154 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	9/29/2011
CLIENT PROJECT:	Kings Lake	COLLECTION DATE:	9/28/2011 10:07
CLIENT SAMPLE ID	K1-K5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
4-Nitroaniline	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/05/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.1	1	UG/L	10/05/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/05/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**0.76**	0.050	1	UG/L	10/13/2011	ALSL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**108**	09/29/2011	GAP
Toluene-d8	EPA-8260	**91.1**	09/29/2011	GAP
4-Bromofluorobenzene	EPA-8260	**98.6**	09/29/2011	GAP
2-Fluorophenol	EPA-8270	**30.0**	10/05/2011	LAP
Phenol-d5	EPA-8270	**20.2**	10/05/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE: ALS JOB#: ALS SAMPLE#:	10/14/2011 1109154 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	9/29/2011
CLIENT PROJECT:	Kings Lake	COLLECTION DATE:	9/28/2011 10:07
CLIENT SAMPLE ID	K1-K5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Nitrobenzene-d5	EPA-8270	**63.4**	10/05/2011	LAP
2-Fluorobiphenyl	EPA-8270	**51.8**	10/05/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**46.9**	10/05/2011	LAP
Terphenyl-d14	EPA-8270	**55.9 GS6**	10/05/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.
GS6 - Surrogate outside of control limits. Single surrogate outlier per fraction is acceptable as per Method 8270D.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE:	10/14/2011
		ALS SDG#:	1109154
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake		

LABORATORY BLANK RESULTS

MB-100411W - Batch 2153 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/04/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 2315 N. Discovery Pl. Spokane Valley, WA 99216	DATE:	10/14/2011
		ALS SDG#:	1109154
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake		

LABORATORY BLANK RESULTS

MB-100411W - Batch 2153 - Water by EPA-8270

2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/04/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/04/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/04/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/04/2011	LAP

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		ALS SDG#:	1109154
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2153 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**26.0**			10/04/2011	LAP
Phenol - BSD	EPA-8270	**28.3**	**8**		10/04/2011	LAP
2-Chlorophenol - BS	EPA-8270	**67.2**			10/04/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**69.1**	**3**		10/04/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**65.3**			10/04/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**71.6**	**9**		10/04/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**71.8**			10/04/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**71.4**	**1**		10/04/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**68.8**			10/04/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**78.5**	**13**		10/04/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**64.6**			10/04/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**72.4**	**11**		10/04/2011	LAP
Acenaphthene - BS	EPA-8270	**62.6**			10/04/2011	LAP
Acenaphthene - BSD	EPA-8270	**64.2**	**2**		10/04/2011	LAP
4-Nitrophenol - BS	EPA-8270	**17.5**			10/04/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**18.2**	**4**		10/04/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**76.6**			10/04/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**81.5**	**6**		10/04/2011	LAP
Pentachlorophenol - BS	EPA-8270	**56.7**			10/04/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**57.9**	**2**		10/04/2011	LAP
Pyrene - BS	EPA-8270	**84.7**			10/04/2011	LAP
Pyrene - BSD	EPA-8270	**90.6**	**7**		10/04/2011	LAP

APPROVED BY

Laboratory Director

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November 10, 2011

Mr. Bill Baker
Washington State Dept of Fish and Wildlife
PO Box 350
Colville, WA 99114

Dear Mr. Baker,

On October 28th, 1 sample was received by our laboratory and assigned our laboratory project number 1110173. The project was identified as your Kings Lake Rehab. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110173 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Kings Lake Rehab	COLLECTION DATE:	10/27/2011 10:15
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110173 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Kings Lake Rehab	COLLECTION DATE:	10/27/2011 10:15
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/28/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110173 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Kings Lake Rehab	COLLECTION DATE:	10/27/2011 10:15
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	11/02/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	11/02/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	11/02/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110173 -01
CLIENT CONTACT:	Bill Baker	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Kings Lake Rehab	COLLECTION DATE:	10/27/2011 10:15
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	11/02/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**14**	0.10	2	UG/L	11/07/2011	ALSL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**101**	10/28/2011	GAP
Toluene-d8	EPA-8260	**97.7**	10/28/2011	GAP
4-Bromofluorobenzene	EPA-8260	**96.1**	10/28/2011	GAP
2-Fluorophenol	EPA-8270	**43.5**	11/02/2011	LAP
Phenol-d5	EPA-8270	**33.1**	11/02/2011	LAP

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DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Nitrobenzene-d5	EPA-8270	**91.9**	11/02/2011	LAP
2-Fluorobiphenyl	EPA-8270	**63.9**	11/02/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**62.8**	11/02/2011	LAP
Terphenyl-d14	EPA-8270	**73.7**	11/02/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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		ALS SDG#:	1110173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake Rehab		

LABORATORY BLANK RESULTS

MB-102811W - Batch 2238 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

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CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake Rehab		

LABORATORY BLANK RESULTS

MB-102811W - Batch 2238 - Water by EPA-8260

1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/28/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

MB-102711W - Batch 2250 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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LABORATORY BLANK RESULTS

MB-102711W - Batch 2250 - Water by EPA-8270

1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/27/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/27/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/27/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake Rehab		

LABORATORY BLANK RESULTS

MB-102711W - Batch 2250 - Water by EPA-8270

Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/27/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE:	11/10/2011
		ALS SDG#:	1110173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake Rehab		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2238 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**103**			10/28/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**96.4**	**7**		10/28/2011	GAP
Benzene - BS	EPA-8260	**86.8**			10/28/2011	GAP
Benzene - BSD	EPA-8260	**90.7**	**4**		10/28/2011	GAP
Trichloroethene - BS	EPA-8260	**96.2**			10/28/2011	GAP
Trichloroethene - BSD	EPA-8260	**98.7**	**2**		10/28/2011	GAP
Toluene - BS	EPA-8260	**94.1**			10/28/2011	GAP
Toluene - BSD	EPA-8260	**93.6**	**0**		10/28/2011	GAP
Chlorobenzene - BS	EPA-8260	**93.5**			10/28/2011	GAP
Chlorobenzene - BSD	EPA-8260	**91.3**	**2**		10/28/2011	GAP

ALS Test Batch ID: 2250 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**40.7**			10/27/2011	LAP
Phenol - BSD	EPA-8270	**41.6**	**2**		10/27/2011	LAP
2-Chlorophenol - BS	EPA-8270	**79.5**			10/27/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**81.1**	**2**		10/27/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**85.9**			10/27/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**75.6**	**13**		10/27/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**102**			10/27/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**108**	**6**		10/27/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**95.3**			10/27/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**87.0**	**9**		10/27/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**88.5**			10/27/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**92.2**	**4**		10/27/2011	LAP
Acenaphthene - BS	EPA-8270	**78.1**			10/27/2011	LAP
Acenaphthene - BSD	EPA-8270	**73.1**	**7**		10/27/2011	LAP
4-Nitrophenol - BS	EPA-8270	**33.0**			10/27/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**37.4**	**12**		10/27/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**114**		SQ1	10/27/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**121**	**6**	SQ1	10/27/2011	LAP
Pentachlorophenol - BS	EPA-8270	**79.4**			10/27/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**84.6**	**6**		10/27/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE:	11/10/2011
		ALS SDG#:	1110173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake Rehab		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Pyrene - BS	EPA-8270	**122**			10/27/2011	LAP
Pyrene - BSD	EPA-8270	**114**	**7**		10/27/2011	LAP

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife PO Box 350 Colville, WA 99114	DATE:	11/10/2011
		ALS SDG#:	1110173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bill Baker		
CLIENT PROJECT:	Kings Lake Rehab		

MATRIX SPIKE RESULTS

ALS Test Batch ID: 2250 - Water by EPA-8270

Parent Sample: BATCH QC

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - MS	SW8270	**36.0**			11/02/2011	LAP
Phenol - MSD	SW8270	**40.5**	**12**		11/02/2011	LAP
2-Chlorophenol - MS	SW8270	**71.9**			11/02/2011	LAP
2-Chlorophenol - MSD	SW8270	**77.7**	**8**		11/02/2011	LAP
1,4-Dichlorobenzene - MS	SW8270	**68.5**			11/02/2011	LAP
1,4-Dichlorobenzene - MSD	SW8270	**69.5**	**1**		11/02/2011	LAP
N-Nitroso-Di-N-Propylamine - MS	SW8270	**83.6**			11/02/2011	LAP
N-Nitroso-Di-N-Propylamine - MSD	SW8270	**94.8**	**13**		11/02/2011	LAP
1,2,4-Trichlorobenzene - MS	SW8270	**79.9**			11/02/2011	LAP
1,2,4-Trichlorobenzene - MSD	SW8270	**82.8**	**4**		11/02/2011	LAP
4-Chloro-3-Methylphenol - MS	SW8270	**99.6**			11/02/2011	LAP
4-Chloro-3-Methylphenol - MSD	SW8270	**99.0**	**1**		11/02/2011	LAP
Acenaphthene - MS	SW8270	**62.3**			11/02/2011	LAP
Acenaphthene - MSD	SW8270	**66.4**	**6**		11/02/2011	LAP
4-Nitrophenol - MS	SW8270	**22.9**			11/02/2011	LAP
4-Nitrophenol - MSD	SW8270	**26.4**	**14**		11/02/2011	LAP
2,4-Dinitrotoluene - MS	SW8270	**81.6**			11/02/2011	LAP
2,4-Dinitrotoluene - MSD	SW8270	**86.2**	**5**		11/02/2011	LAP
Pentachlorophenol - MS	SW8270	**58.6**			11/02/2011	LAP
Pentachlorophenol - MSD	SW8270	**63.2**	**8**		11/02/2011	LAP
Pyrene - MS	SW8270	**92.0**			11/02/2011	LAP
Pyrene - MSD	SW8270	**98.2**	**7**		11/02/2011	LAP

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1110173

Date 10/27/2011 Page 1 Of 1

PROJECT ID: King Lake Rehab
REPORT TO COMPANY: WDFW
PROJECT MANAGER: Bill Baker
ADDRESS: PO Box 350
Colville, WA 99114
PHONE: (509) 684-2212 Ext 23 FAX:
P.O. NUMBER: 54752 E-MAIL: bill.baker@dfw.wa.gov
INVOICE TO COMPANY: WDFW
ATTENTION: Bill Baker
ADDRESS: PO Box 350
Colville, WA 99114

ANALYSIS REQUESTED / OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	N-Methyl Pyrrolidone							NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1.	10/27	10:15	W	1							X									X							5	
2.											X																	
3.											X																	
4.														X														
5. N-Methyl pyrrolidone																												
6.																												
7.																												
8.																												
9.																												
10.																												

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] 10/27/2011 12:57 PM
   Received By:
2. Relinquished By:
   Received By: Shawn Robinson ALS 10/28/11 9:40

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER:
Specify:

* Turnaround request less than standard may incur Rush Charges

November 10, 2011

Mr. Bob Jateff
Washington State Dept of Fish and Wildlife
20268 Highway 20, Suite 4
Twisp, WA 98856

Dear Mr. Jateff,

On October 28th, 1 sample was received by our laboratory and assigned our laboratory project number 1110172. The project was identified as your Schallow Pond. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110172 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	10/27/2011 11:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Toluene	EPA-8260	**3.4**	2.0	1	UG/L	10/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110172 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	10/27/2011 11:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/28/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Naphthalene	EPA-8260	**4.4**	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP

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CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110172 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	10/27/2011 11:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	11/02/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Naphthalene	EPA-8270	**3.6**	2.0	1	UG/L	11/02/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	11/02/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	11/02/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	11/10/2011 1110172 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	10/28/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	10/27/2011 11:00
CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Diethylphthalate	EPA-8270	**2.1**	2.0	1	UG/L	11/02/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	11/02/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	11/02/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**190**	1.0	20	UG/L	11/07/2011	ALSL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**101**	10/28/2011	GAP
Toluene-d8	EPA-8260	**94.2**	10/28/2011	GAP
4-Bromofluorobenzene	EPA-8260	**100**	10/28/2011	GAP
2-Fluorophenol	EPA-8270	**40.6**	11/02/2011	LAP
Phenol-d5	EPA-8270	**31.4**	11/02/2011	LAP

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CLIENT SAMPLE ID	1 - 5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Nitrobenzene-d5	EPA-8270	**86.8**	11/02/2011	LAP
2-Fluorobiphenyl	EPA-8270	**54.4**	11/02/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**63.1**	11/02/2011	LAP
Terphenyl-d14	EPA-8270	**72.8**	11/02/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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		ALS SDG#:	1110172
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-102811W - Batch 2238 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	10/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	10/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	10/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

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		ALS SDG#:	1110172
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-102811W - Batch 2238 - Water by EPA-8260

1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	10/28/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	10/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	10/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	10/28/2011	GAP

MB-102711W - Batch 2250 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-102711W - Batch 2250 - Water by EPA-8270

1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	10/27/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	10/27/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	10/27/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-102711W - Batch 2250 - Water by EPA-8270

Diethylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	10/27/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	10/27/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	11/10/2011
		ALS SDG#:	1110172
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2238 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**103**			10/28/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**96.4**	**7**		10/28/2011	GAP
Benzene - BS	EPA-8260	**86.8**			10/28/2011	GAP
Benzene - BSD	EPA-8260	**90.7**	**4**		10/28/2011	GAP
Trichloroethene - BS	EPA-8260	**96.2**			10/28/2011	GAP
Trichloroethene - BSD	EPA-8260	**98.7**	**2**		10/28/2011	GAP
Toluene - BS	EPA-8260	**94.1**			10/28/2011	GAP
Toluene - BSD	EPA-8260	**93.6**	**0**		10/28/2011	GAP
Chlorobenzene - BS	EPA-8260	**93.5**			10/28/2011	GAP
Chlorobenzene - BSD	EPA-8260	**91.3**	**2**		10/28/2011	GAP

ALS Test Batch ID: 2250 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**40.7**			10/27/2011	LAP
Phenol - BSD	EPA-8270	**41.6**	**2**		10/27/2011	LAP
2-Chlorophenol - BS	EPA-8270	**79.5**			10/27/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**81.1**	**2**		10/27/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**85.9**			10/27/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**75.6**	**13**		10/27/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**102**			10/27/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**108**	**6**		10/27/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**95.3**			10/27/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**87.0**	**9**		10/27/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**88.5**			10/27/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**92.2**	**4**		10/27/2011	LAP
Acenaphthene - BS	EPA-8270	**78.1**			10/27/2011	LAP
Acenaphthene - BSD	EPA-8270	**73.1**	**7**		10/27/2011	LAP
4-Nitrophenol - BS	EPA-8270	**33.0**			10/27/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**37.4**	**12**		10/27/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**114**		SQ1	10/27/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**121**	**6**	SQ1	10/27/2011	LAP
Pentachlorophenol - BS	EPA-8270	**79.4**			10/27/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**84.6**	**6**		10/27/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	11/10/2011
		ALS SDG#:	1110172
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Pyrene - BS	EPA-8270	**122**			10/27/2011	LAP
Pyrene - BSD	EPA-8270	**114**	**7**		10/27/2011	LAP

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	11/10/2011
		ALS SDG#:	1110172
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

MATRIX SPIKE RESULTS

ALS Test Batch ID: 2250 - Water by EPA-8270

Parent Sample: BATCH QC

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - MS	SW8270	**36.0**			11/02/2011	LAP
Phenol - MSD	SW8270	**40.5**	**12**		11/02/2011	LAP
2-Chlorophenol - MS	SW8270	**71.9**			11/02/2011	LAP
2-Chlorophenol - MSD	SW8270	**77.7**	**8**		11/02/2011	LAP
1,4-Dichlorobenzene - MS	SW8270	**68.5**			11/02/2011	LAP
1,4-Dichlorobenzene - MSD	SW8270	**69.5**	**1**		11/02/2011	LAP
N-Nitroso-Di-N-Propylamine - MS	SW8270	**83.6**			11/02/2011	LAP
N-Nitroso-Di-N-Propylamine - MSD	SW8270	**94.8**	**13**		11/02/2011	LAP
1,2,4-Trichlorobenzene - MS	SW8270	**79.9**			11/02/2011	LAP
1,2,4-Trichlorobenzene - MSD	SW8270	**82.8**	**4**		11/02/2011	LAP
4-Chloro-3-Methylphenol - MS	SW8270	**99.6**			11/02/2011	LAP
4-Chloro-3-Methylphenol - MSD	SW8270	**99.0**	**1**		11/02/2011	LAP
Acenaphthene - MS	SW8270	**62.3**			11/02/2011	LAP
Acenaphthene - MSD	SW8270	**66.4**	**6**		11/02/2011	LAP
4-Nitrophenol - MS	SW8270	**22.9**			11/02/2011	LAP
4-Nitrophenol - MSD	SW8270	**26.4**	**14**		11/02/2011	LAP
2,4-Dinitrotoluene - MS	SW8270	**81.6**			11/02/2011	LAP
2,4-Dinitrotoluene - MSD	SW8270	**86.2**	**5**		11/02/2011	LAP
Pentachlorophenol - MS	SW8270	**58.6**			11/02/2011	LAP
Pentachlorophenol - MSD	SW8270	**63.2**	**8**		11/02/2011	LAP
Pyrene - MS	SW8270	**92.0**			11/02/2011	LAP
Pyrene - MSD	SW8270	**98.2**	**7**		11/02/2011	LAP

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1110172

Date 10/27/2011 Page 1 Of 1

PROJECT ID: SCHALLOW POND
REPORT TO COMPANY: WASHINGTON DEPT OF FISH + WILDLIFE
PROJECT MANAGER: BOB JATEFF
ADDRESS: 20268 Hwy 20
TWISP, WA. 98856
PHONE: 509-997-0316 FAX: 509-997-0072
P.O. NUMBER: 54212 E-MAIL: Robert.Jateff@dfw.wa.gov
INVOICE TO COMPANY: WDFW
ATTENTION: Olympia
ADDRESS: c/o Bruce Baldy

ANALYSIS REQUESTED / OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	N Methyl / Bar. Hodan						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. 1	10/27	1100	W	1							X			X						X						5	
2. 2	↓	1100	↓	↓																							
3. 3		1100																									
4. 4		1100																									
5. 5		1100																									
6.																											
7.																											
8.																											
9.																											
10.																											

LABORATORY COPY

SPECIAL INSTRUCTIONS Collected at Schallow Pond Lower end by outfall (no overflow at time of sample)

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Robert Jateff WDFW 1400 / 10-27-2011
Received By:
2. Relinquished By:
Received By: Shawn Rokan ALS 10/28/11 9:40

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY
Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY
OTHER: Specify:

* Turnaround request less than standard may incur Rush Charges

December 12, 2011

Mr. Bob Jateff
Washington State Dept of Fish and Wildlife
20268 Highway 20, Suite 4
Twisp, WA 98856

Dear Mr. Jateff,

On November 30th, 1 sample was received by our laboratory and assigned our laboratory project number 1111160. The project was identified as your Schallow Pond. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111160 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/30/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/30/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/30/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111160 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/30/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/30/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/30/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/30/2011	GAP
Pyridine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111160 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE: ALS JOB#: ALS SAMPLE#:	12/12/2011 1111160 -01
CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Diethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
n-Methyl 2-Pyrrolidone	EPA-8270M	**0.24**	0.050	1	UG/L	12/05/2011	ALSL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**82.6**	11/30/2011	GAP
Toluene-d8	EPA-8260	**90.2**	11/30/2011	GAP
4-Bromofluorobenzene	EPA-8260	**99.1**	11/30/2011	GAP
2-Fluorophenol	EPA-8270	**37.9**	12/07/2011	LAP
Phenol-d5	EPA-8270	**35.9**	12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

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CLIENT CONTACT:	Bob Jateff	DATE RECEIVED:	11/30/2011
CLIENT PROJECT:	Schallow Pond	COLLECTION DATE:	11/28/2011 12:00
CLIENT SAMPLE ID	1-5	WDOE ACCREDITATION:	C601

DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Nitrobenzene-d5	EPA-8270	**89.0**	12/07/2011	LAP
2-Fluorobiphenyl	EPA-8270	**61.3**	12/07/2011	LAP
2,4,6-Tribromophenol	EPA-8270	**53.3**	12/07/2011	LAP
Terphenyl-d14	EPA-8270	**74.5**	12/07/2011	LAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	12/12/2011
		ALS SDG#:	1111160
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-112811W - Batch 2320 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Chloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	11/28/2011	GAP
Bromomethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Chloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Acetone	EPA-8260	U	25	1	UG/L	11/28/2011	GAP
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	11/28/2011	GAP
Acrylonitrile	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2-Butanone	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Chloroform	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trichloroethene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Dibromomethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
Toluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2-Hexanone	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP

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CERTIFICATE OF ANALYSIS

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		ALS SDG#:	1111160
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-112811W - Batch 2320 - Water by EPA-8260

1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	11/28/2011	GAP
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	11/28/2011	GAP
Styrene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
o-Xylene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromoform	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Bromobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,3 Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	11/28/2011	GAP
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
Naphthalene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	11/28/2011	GAP

MB-113011W - Batch 2357 - Water by EPA-8270

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodimethylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Phenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Aniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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		ALS SDG#:	1111160
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-113011W - Batch 2357 - Water by EPA-8270

1,3-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,4-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzyl Alcohol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2-Dichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3&4-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitroso-Di-N-Propylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachloroethane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Nitrobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Isophorone	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dimethylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzoic Acid	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
Bis(2-Chloroethoxy)Methane	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1,2,4-Trichlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Naphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobutadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chloro-3-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
1-Methylnaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorocyclopentadiene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,6-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4,5-Trichlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Chloronaphthalene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dimethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,6-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Acenaphthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3-Nitroaniline	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrophenol	EPA-8270	U	10	1	UG/L	12/07/2011	LAP
4-Nitrophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenzofuran	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,4-Dinitrotoluene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
2,3,4,6-Tetrachlorophenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY BLANK RESULTS

MB-113011W - Batch 2357 - Water by EPA-8270

Diethylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluorene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Chlorophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Nitroaniline	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4,6-Dinitro-2-Methylphenol	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
N-Nitrosodiphenylamine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Azobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
4-Bromophenyl-Phenylether	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Hexachlorobenzene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pentachlorophenol	EPA-8270	U	5.0	1	UG/L	12/07/2011	LAP
Phenanthrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Carbazole	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Butylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Butylbenzylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
3,3'-Dichlorobenzidine	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Chrysene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Di-N-Octylphthalate	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[B]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[K]Fluoranthene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[A]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Dibenz[A,H]Anthracene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP
Benzo[G,H,I]Perylene	EPA-8270	U	2.0	1	UG/L	12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	12/12/2011
		ALS SDG#:	1111160
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 2320 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**102**			11/28/2011	GAP
1,1-Dichloroethene - BSD	EPA-8260	**101**	**1**		11/28/2011	GAP
Benzene - BS	EPA-8260	**89.2**			11/28/2011	GAP
Benzene - BSD	EPA-8260	**88.1**	**1**		11/28/2011	GAP
Trichloroethene - BS	EPA-8260	**95.6**			11/28/2011	GAP
Trichloroethene - BSD	EPA-8260	**94.3**	**1**		11/28/2011	GAP
Toluene - BS	EPA-8260	**99.2**			11/28/2011	GAP
Toluene - BSD	EPA-8260	**98.7**	**1**		11/28/2011	GAP
Chlorobenzene - BS	EPA-8260	**98.1**			11/28/2011	GAP
Chlorobenzene - BSD	EPA-8260	**95.4**	**3**		11/28/2011	GAP

ALS Test Batch ID: 2357 - Water by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Phenol - BS	EPA-8270	**43.2**			12/07/2011	LAP
Phenol - BSD	EPA-8270	**43.2**	**0**		12/07/2011	LAP
2-Chlorophenol - BS	EPA-8270	**84.8**			12/07/2011	LAP
2-Chlorophenol - BSD	EPA-8270	**79.7**	**6**		12/07/2011	LAP
1,4-Dichlorobenzene - BS	EPA-8270	**72.6**			12/07/2011	LAP
1,4-Dichlorobenzene - BSD	EPA-8270	**76.1**	**5**		12/07/2011	LAP
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**97.1**			12/07/2011	LAP
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**110**	**12**		12/07/2011	LAP
1,2,4-Trichlorobenzene - BS	EPA-8270	**81.0**			12/07/2011	LAP
1,2,4-Trichlorobenzene - BSD	EPA-8270	**87.0**	**7**		12/07/2011	LAP
4-Chloro-3-Methylphenol - BS	EPA-8270	**87.5**			12/07/2011	LAP
4-Chloro-3-Methylphenol - BSD	EPA-8270	**91.8**	**5**		12/07/2011	LAP
Acenaphthene - BS	EPA-8270	**69.7**			12/07/2011	LAP
Acenaphthene - BSD	EPA-8270	**70.8**	**2**		12/07/2011	LAP
4-Nitrophenol - BS	EPA-8270	**28.5**			12/07/2011	LAP
4-Nitrophenol - BSD	EPA-8270	**30.4**	**6**		12/07/2011	LAP
2,4-Dinitrotoluene - BS	EPA-8270	**97.5**			12/07/2011	LAP
2,4-Dinitrotoluene - BSD	EPA-8270	**104**	**7**	SQ1	12/07/2011	LAP
Pentachlorophenol - BS	EPA-8270	**71.5**			12/07/2011	LAP
Pentachlorophenol - BSD	EPA-8270	**78.5**	**9**		12/07/2011	LAP
Pyrene - BS	EPA-8270	**101**			12/07/2011	LAP
Pyrene - BSD	EPA-8270	**108**	**7**		12/07/2011	LAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Washington State Dept of Fish and Wildlife 20268 Highway 20, Suite 4 Twisp, WA 98856	DATE:	12/12/2011
		ALS SDG#:	1111160
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Bob Jateff		
CLIENT PROJECT:	Schallow Pond		

LABORATORY CONTROL SAMPLE RESULTS

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

APPROVED BY

Laboratory Director

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(425) 356-2626 Fax
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1111160

Date 11/28/2011 Page 1 Of 1

PROJECT ID: Schallow Pond
REPORT TO COMPANY: WDFW
PROJECT MANAGER: Bob Jakeff
ADDRESS: 20268 Hwy 20
Twisp, WA. 98856
PHONE: 509-997-0316 FAX:
P.O. NUMBER: E-MAIL: Robert.Jakeff@dfw.wa.gov
INVOICE TO COMPANY: WDFW
ATTENTION: Bruce Bolding
ADDRESS: 600 Capitol Way N.
Olympia, WA. 98501

ANALYSIS REQUESTED

	SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify): N-methyl-Pyrrolidone						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1.	1-5	11/28/2011	12:00	W	1							X			X						X							
2.																												
3.																												
4.																												
5.																												
6.																												
7.																												
8.																												
9.																												
10.																												

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Robert Jakeff / WDFW / 11-28-2011 / 1200
Received By:
2. Relinquished By:
Received By: Shawn Robinson ALS 11/30/11 9:40

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY

OTHER:
Specify:

* Turnaround request less than standard may incur Rush Charges