ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE: ALS JOB#: ALS SAMPLE#:	2/8/2012 1202006 -01
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 09:50
CLIENT SAMPLE ID	N-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.84**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**34**	0.76	5	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	**1.2**	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	**0.70**	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**210**	1.0	1	UMHOS /CM	02/01/2012	RAL
Ammonia	EPA-350.1	**13**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**17**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**0.18**	0.0020	1	MG/L	02/03/2012	ARI

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE: ALS JOB#: ALS SAMPLE#:	2/8/2012 1202006 -02
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 09:59
CLIENT SAMPLE ID	N-6	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.61**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**43**	0.76	5	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	**3.0**	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**710**	1.0	1	UMHOS /CM	02/01/2012	RAL
Ammonia	EPA-350.1	**33**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**40**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**1.4**	0.0020	1	MG/L	02/03/2012	ARI

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

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE:	2/8/2012
		ALS JOB#:	1202006
		ALS SAMPLE#:	-03
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 10:06
CLIENT SAMPLE ID	N-7	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**5.92**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**150**	1.5	10	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	**12**	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	**0.38**	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**680**	1.0	1	UMHOS /CM	02/01/2012	RAL
Ammonia	EPA-350.1	**17**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**17**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**0.025**	0.0020	1	MG/L	02/03/2012	ARI

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE:	2/8/2012
		ALS JOB#:	1202006
		ALS SAMPLE#:	-04
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 10:18
CLIENT SAMPLE ID	B-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.26**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**2.0**	0.15	1	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	**3.2**	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**120**	1.0	1	UMHOS /CM	02/01/2012	RAL
Ammonia	EPA-350.1	**0.056**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**1.4**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**0.45**	0.0020	1	MG/L	02/03/2012	ARI

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE: ALS JOB#: ALS SAMPLE#:	2/8/2012 1202006 -05
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 10:45
CLIENT SAMPLE ID	C-1	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.84**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**3.5**	0.15	1	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	**0.51**	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**96**	1.0	1	UMHOS /CM	02/01/2012	RAL
Ammonia	EPA-350.1	**0.017**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**1.2**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**0.038**	0.0020	1	MG/L	02/03/2012	ARI

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE: ALS JOB#: ALS SAMPLE#:	2/8/2012 1202006 -06
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 10:30
CLIENT SAMPLE ID	C-2	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**5.94**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**41**	0.76	5	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**300**	1.0	1	UMHOS /CM	02/01/2012	RAL
Ammonia	EPA-350.1	**0.89**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**2.0**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**0.11**	0.0020	1	MG/L	02/03/2012	ARI

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE: ALS JOB#: ALS SAMPLE#:	2/8/2012 1202006 -07
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/1/2012
CLIENT PROJECT:	2012EFFWQ	COLLECTION DATE:	2/1/2012 10:35
CLIENT SAMPLE ID	Plant	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Biochemical Oxygen Demand (BOD)	SM5210B	U	5.0	1	MG/L	02/01/2012	RAL
pH	SM4500H	**7.48**	1.0	1	S.U.	02/01/2012	HJK
Nitrate	EPA-300.0	**0.52**	0.15	1	MG/L	02/01/2012	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	02/01/2012	GAP
Phosphate	EPA-300.0	**2.1**	0.29	1	MG/L	02/01/2012	GAP
Conductivity	EPA-120.1	**1000**	1.0	1	UMHOS /CM	02/01/2012	RAL
Fecal Coliform	SM189222	**30**	2.0	1	#/100mL	02/01/2012	ARI
Ammonia	EPA-350.1	**40**	0.010	1	MG/L	02/02/2012	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**45**	0.20	1	MG/L	02/03/2012	ARI
Total Phosphorous	EPA-365.1	**1.2**	0.0020	1	MG/L	02/03/2012	ARI

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

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): 1202006

Date _____ Page _____ Of _____

PROJECT ID: 2012EFFWQ
REPORT TO COMPANY: Quilceda Village
PROJECT MANAGER: Lukas Reyes
ADDRESS: 8802 27th Ave N.E.
Tulalip WA 98271
PHONE: 3607165053 FAX: 360 651-4249
P.O. NUMBER: E-MAIL: lreyes@tulalipnsn.gov
INVOICE TO COMPANY:
ATTENTION: Same as above
ADDRESS:

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): Nitrate	Nitrite	Phosphate	Ammonia	Phosphorus	TKN	pH & conductivity	~~NUMBER OF CONTAINERS~~ BOD	~~RECEIVED IN GOOD CONDITION?~~ Fecal	# of bottles
1. N-5	2-1-12	9:50am	W	1																X	X	X	X	X	X	X		2
2. N-6	2-1-12	9:59am		2																X	X	X	X	X	X	X		2
3. N-7	2-1-12	10:06AM		3																X	X	X	X	X	X	X		2
4. B-5	2-1-12	10:18AM		4																X	X	X	X	X	X	X		2
5. C-1	2-1-12	10:45am		5																X	X	X	X	X	X	X		2
6. C-2	2-1-12	10:30am		6																X	X	X	X	X	X	X		2
7. Plant	2-1-12	10:35am		7																X	X	X	X	X	X	X	X	4
8.																												
9.																												
10.																												

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Jerene Bolin 2-1-12 11:05 Am
Received By: ALS 2-1-12 11:05
2. Relinquished By:
Received By:

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