ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE:	3/11/2013
		ALS JOB#:	EV13020147
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 10:50:00 AM
CLIENT SAMPLE ID	S-3	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**5.98**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**120**	1.5	10	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**450**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**0.019**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	U	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**0.027**	0.0020	1	MG/L	03/04/2013	ARI

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

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ALS Laboratory Group A Campbell Brothers Limited Company

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE: ALS JOB#: ALS SAMPLE#:	3/11/2013 EV13020147 -02
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 10:57:00 AM
CLIENT SAMPLE ID	S-4	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.53**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**18**	0.15	1	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**96**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**2.8**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**3.0**	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**0.17**	0.0020	1	MG/L	03/04/2013	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#:	3/11/2013 EV13020147 -03
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 11:03:00 AM
CLIENT SAMPLE ID	S-7	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.57**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**9.4**	0.15	1	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**170**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**0.027**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	U	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**0.061**	0.0020	1	MG/L	03/04/2013	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#:	3/11/2013 EV13020147 -04
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 11:10:00 AM
CLIENT SAMPLE ID	S-8	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.30**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**22**	1.5	10	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**190**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**2.7**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**2.8**	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**0.26**	0.0020	1	MG/L	03/04/2013	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#:	3/11/2013 EV13020147 -05
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 11:33:00 AM
CLIENT SAMPLE ID	B-5	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.13**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**1.3**	0.15	1	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**130**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**0.042**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**0.48**	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**0.90**	0.0020	1	MG/L	03/04/2013	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#:	3/11/2013 EV13020147 -06
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 11:40:00 AM
CLIENT SAMPLE ID	C-1	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.76**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**1.4**	0.15	1	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**95**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**0.029**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**0.34**	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**0.036**	0.0020	1	MG/L	03/04/2013	ARI

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CERTIFICATE OF ANALYSIS

CLIENT:	Quil Ceda Village Utilities 8802 27th Ave. NE Tulalip, WA 98271	DATE:	3/11/2013
		ALS JOB#:	EV13020147
		ALS SAMPLE#:	-07
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 11:49:00 AM
CLIENT SAMPLE ID	C-2	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
pH	SM4500H	**6.51**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**1.3**	0.15	1	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	U	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**210**	1.0	1	UMHOS /CM	02/28/2013	DLC
Ammonia	EPA-350.1	**3.6**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**3.9**	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**1.9**	0.0020	1	MG/L	03/04/2013	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#:	3/11/2013 EV13020147 -08
CLIENT CONTACT:	Lukas Reyes	DATE RECEIVED:	2/28/2013
CLIENT PROJECT:	2013 EFF WQ	COLLECTION DATE:	2/28/2013 11:56:00 AM
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	**8.0**	5.0	1	MG/L	03/01/2013	RAL
pH	SM4500H	**7.27**	1.00	1	PH UNITS	02/28/2013	SMR
Nitrate	EPA-300.0	**4.9**	0.15	1	MG/L	03/01/2013	GAP
Nitrite	EPA-300.0	U	0.14	1	MG/L	03/01/2013	GAP
Phosphate	EPA-300.0	**4.6**	0.29	1	MG/L	03/01/2013	GAP
Conductivity	EPA-120.1	**500**	1.0	1	UMHOS /CM	02/28/2013	DLC
Fecal Coliform	SM189222	U	2.0	1	#/100mL	03/01/2013	ARI
Ammonia	EPA-350.1	**0.50**	0.010	1	MG/L	03/01/2013	ARI
Total Kjeldahl Nitrogen (TKN)	EPA-351.1	**1.5**	0.20	1	MG/L	03/07/2013	ARI
Total Phosphorous	EPA-365.1	**2.2**	0.0020	1	MG/L	03/04/2013	ARI

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APPROVED BY

Laboratory Director

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV13020147

Date _____ Page _____ Of _____

PROJECT ID: 2013 EFF WQ
REPORT TO COMPANY: Quileda Village
PROJECT MANAGER: Lukas Reyes
ADDRESS: 8802 27th Ave NE
PHONE: 360-716-5053 FAX: 360-651-4249
P.O. #: E-MAIL: lreyes@tulaliptribes-nsn.gov
INVOICE TO COMPANY:
ATTENTION: Same as above
ADDRESS:

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 ☐	Nitrate	Nitrite	Phosphorus	ammonia	Phosphate	TKN	PH & Conductivity	~~NUMBER OF CONTAINERS~~ GOD	~~RECEIVED IN GOOD CONDITION?~~ Fecal	
1.	S-3	2/28/13	10:50	W	1																X	X	X	X	X	X	X			2
2.	S-4	2/28/13	10:57		2																X	X	X	X	X	X	X			2
3.	S-7	2/28/13	11:03		3																X	X	X	X	X	X	X			2
4.	S-8	2/28/13	11:10		4																X	X	X	X	X	X	X			2
5.	B-5	2/28/13	11:33		5																X	X	X	X	X	X	X			2
6.	C-1	2/28/13	11:[illegible]		6																X	X	X	X	X	X	X			
7.	C-2	2/28/13	11:49		7																X	X	X	X	X	X	X			
8.	Plant	2/28/13	11:56		8																X	X	X	X	X	X	X	X	X	4
9.																														
10.																														

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: _____
Received By: Shawn Robson ALS 2/28/13 12:25
2. Relinquished By: [signature] 2/28/13 12:25
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

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