



SHANNON & WILSON, INC.

Fed. I.D. #91-0745357
400 N. 34th St., #100

Geotechnical and Environmental Consultants
P.O. Box 300303 Seattle, Washington 98103

Fax #(206) 633-6777
Telephone: (206) 632-8020

05513

PEOPLE FOR PUGET SOUND

Attention: KEELEY O'CONNELL
911 WESTERN AVE., STE 580
SEATTLE, WA 98104

Invoice No :
87409

JOB REFERENCE

ENVIRONMENTAL ENGINEERING SERVICES
WILLOW CREEK DAYLIGHT
EDMONDS, SNOHOMISH COUNTY, WASHINGTON

THIS PERIOD FROM: 08/05/2012 TO: 09/29/2012

INVOICE DATE	CONTRACT OR PURCHASE ORDER	AUTHORIZED FEE	JOB NUMBER
9/29/2012	SEE ABOVE	\$83,230.00	21-1-12393 (01)
PROFESSIONAL SERVICES		TOTAL TO DATE	PREVIOUS BILLINGS
			DUE THIS PERIOD
001 - PROJECT MANAGEMENT & ADMIN (PPS)		2,525.48	0.00
			2,525.48
002 - REPORT, DATA GATHERING (PPS)		4,609.00	0.00
			4,609.00
003 - ALIGNMENT ALTS. SCREENING (PPS)		6,597.00	0.00
			6,597.00
004 - TIDAL MARSH HYDROLOGY (PPS)		6,341.88	0.00
			6,341.88
005 - FISH HABITAT ANALYSIS (PPS)		3,756.75	0.00
			3,756.75
006 - EARLY FEASIBILITY REPORT (PPS)		310.00	0.00
			310.00
007 - TEAM MEETINGS (PPS)		1,690.35	0.00
			1,690.35
Invoice Totals		<u>25,830.46</u>	<u>0.00</u>
			<u>25,830.46</u>

Encl: Billing Analysis (By Phase)
Subcontractor Invoice Copies
Progress Report

Please pay from this invoice. Net 30 days. Late charge of 1.5% per month on past due accounts

Progress Report:
Willow Creek Daylight Early Feasibility Study
Reporting Period: 08/01/12–09/29/12

This progress report is for services performed for the Willow Creek Daylight Early Feasibility Study for the current invoice period.

People for Puget Sound Contract

Task 1 – Project Management & Administration

- Contract administration and project setup completed.
- Subcontract agreements completed.
- Prepared field Health & Safety Plan (HASP) on file.
- Invoicing and progress reporting administration.
- Coordination w/ PPS for contract transition (not in original contract).

Work Remaining

- 3 months of contract administration and invoicing.

Contract Scope & Budget Issues

- Transition of contract to different sponsoring agency will require review and renegotiation of contracts and subcontracts. This is additional administrative time not included in the original contract scope and budget.

Task 2 – Report, Data Gathering, Baseline Map & Survey

- Collected reports and data from People for Puget Sound.
- Collected reports and data from the City of Edmonds.
- Collected and gathered survey and mapping data from SAIC/Herrera for the Dayton St. / SR-104 project.
- Collected BNSF as-builts for Marina Beach rail crossing and plans for 2nd rail line expansion.
- Collected Edmonds Crossing FEIS study and mitigation plans for Willow Creek realignment.
- Initiated gathering of stormwater inflow data for Willow and Shellabarger Creeks from SAIC.
- Reviewed reports, plans and data and incorporated information in Task 3 Alternatives Screening letter and Task 6 Early Feasibility Report & Plan.

Work Remaining

- None – Complete.

Contract Scope & Budget Issues

- None.

Task 3 – Alternatives Alignment Screening

- Alternatives alignment screening letter complete and submitted to PPS and City of Edmonds.
 - Provided Alternatives alignment map
 - Provided comprehensive timeline of impacts to marsh
 - Evaluated each alternative using specified criteria for fisheries, and pros/cons analysis of coastal hydrodynamics, engineering and property issues.
 - Provided recommendation for Alternative 1 – Marina Beach Park alignment.

Work Remaining

- Sponsor to agree with recommended alternative alignment.

Contract Scope & Budget Issues

- None.

Task 4 – Tidal Marsh Hydrology (Existing and Proposed)

- Compiled LiDAR, survey data and mapping for GIS surface for existing conditions model.
- Coordinating with the City of Edmonds and SAIC for Spring Habitat and Winter Flood inflow data for Shellabarger and Willow Creeks from the Dayton St./SR-104 study.
- Provided level, temperature, conductivity logger data from September 2012 data collection period (see Task 102).
- Developed HEC-RAS existing conditions, calibration model. Calibrated HEC-RAS model to September 2012 data collection water surface elevation conditions.
- Currently working on existing conditions inflow modeling runs.
- Currently working on an existing conditions inundation map.

Work Remaining

- Complete existing conditions modeling using Spring Habitat and Winter Flood inflows.
- Complete tidal inundation mapping for existing conditions.
- Complete proposed conditions model for Alternative 1 alignment (after agreement provided by Sponsor).
- Complete tidal inundation mapping for existing conditions.
- Provide comparison analysis for existing and proposed conditions.
- Evaluate erosion and scour potential, and qualitatively assess coastal sediment transport conditions for recommended Alternative 1 alignment.
- Provide modeling output data for existing and proposed conditions to City of Edmonds for Dayton St. / SR-104 study.
- Inflow for Willow and Shellabarger Creek received from SAIC. Determining 100-year flood inflow and spring/summer habitat flows.

Contract Scope & Budget Issues

- Identified additional inflow nodes from Point Edwards and SR-104 that were not originally identified during project scoping. City of Edmonds and SAIC have not fully analyzed these inflow nodes. These inflows, if significant would have an impact on marsh water surface elevations. We recommend the Dayton/SR-104 team develop stormwater inflow hydrographs

for these known inflow locations, as it effects backwater elevations in the marsh, and stream flow conditions in Willow Creek outlet.

Task 5 – Fish Habitat Analysis

- Completed existing conditions analysis.
- Summarized available information from Edmonds Crossing FEIS, Willow Creek Daylight Study (Pentec, 1997), PPS Biological Conditions Study, and the Edmonds Stream Inventory, among other studies.
- Developed existing conditions description.
- Provided analysis of habitat conditions for three alternative alignments included in Task 3.

Work Remaining

- Developing an existing conditions habitat map to be provided with Early Feasibility Report and Plan.
- Evaluate proposed conditions.

Contract Scope & Budget Issues

- None.

Task 6 – Early Feasibility Report & Plan

- Developed site existing and historical conditions analysis for feasibility report (included with Task 3 report, needed for final report, not part of Task 3 scope, but helps explain site conditions).

Work Remaining

- Draft and Final Early Feasibility Reports.

Contract Scope & Budget Issues

- None.

Task 7 – Team Meetings

- Attended Kickoff Meeting with People for Puget Sound and City of Edmonds.
- Meeting minutes provided.

Work Remaining

- Screening alternatives conference call.
- Draft Feasibility Report meeting.

Contract Scope & Budget Issues

- None.

FYI - City of Edmonds Contract

Task 101 – Project Management & Administration

- Contract administration and project setup.

Task 102 – Report, Data Collection, Baseline Map & Survey

- Data collection plan completed.
- Equipment preparation completed.
- Right of Entry coordination with City of Edmonds, Chevron/Unocal, Port of Edmonds completed.
- Installation of data collection equipment (LTC-1, LTC-2, LTC-3) completed.
- Completed September data download and provided report to PPS and City of Edmonds.
- Obtained mapping and survey data from City of Edmonds and SAIC.
- Compiled and delivered pertinent survey data and as-builts for use in hydrodynamic model.
- Developed basemap and GIS surface for use hydrodynamic model.

Task / Deliverable	Est. Calendar Days from NTP	Est. Date	Complete
NTP	0	8/1/2012	X
Task 7. Kickoff Meeting	10	8/11/2012	X
Task 3. Screening Alternatives Analysis	30	8/31/2012	X
Task 4. Survey and Logger Installations (Actual deliverable identified in City of Edmonds Contract)	30	8/31/2012	X
Task 4. Marsh Hydrology Existing Conditions	60	9/30/2012	X - Partial
Task 5. Fish Habitat Existing Conditions	60	9/30/2012	X - Partial
Task 7. Existing Conditions Meeting	70	10/10/2012	
Task 4. Marsh Hydrology Proposed Conditions	90	10/30/2012	
Task 5. Fish Habitat Proposed Conditions	90	10/30/2012	
Task 6. DRAFT Early Feasibility Report	110	11/19/2012	Started
Task 7. DRAFT Feasibility Report Meeting	120	11/29/2012	
Task 6. PPS and City Comments Due	130	12/9/2012	
Task 6. FINAL Early Feasibility Report	150	12/29/2012	



Billing Analysis

Through 9/29/2012

Project : 21-1-12393 WILLOW CREEK DAYLIGHT
Inv Group 01 PHASES 001 THRU 007
Client : 05513 PEOPLE FOR PUGET SOUND
Rate GH12S 2012 General Hourly - Seattle

Phase : 001 PROJECT MANAGEMENT & ADMIN (PPS)

Rate Schedule Labor									
Employee Name	Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Associate									
05151 DAVID R. CLINE	2100	T22	****	Reg	08/07/2012	08/11/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	08/08/2012	08/11/2012	2.0	155.00	310.00
05151 DAVID R. CLINE	2100	T22	****	Reg	08/13/2012	08/18/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	08/29/2012	09/01/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/06/2012	09/08/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/11/2012	09/15/2012	2.0	155.00	310.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/12/2012	09/15/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/13/2012	09/15/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/18/2012	09/22/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/20/2012	09/22/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/27/2012	09/29/2012	2.0	155.00	310.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/28/2012	09/29/2012	1.0	155.00	155.00
							15.0		2,325.00
Total Rate Schedule Labor							15.0		2,325.00

Regular Expenses							
Vendor Name	Org	Doc Nbr	Transaction Date	Period End Date	Cost	Multiplier	Amount
DC - Subcontracts							
01770 CONFLUENCE ENVIRONMENTAL COMPANY	2100	247056	9/17/2012	9/15/2012	160.00	1.10	176.00
08709 ANCHOR QEA, LLC	2100	248146	10/2/2012	9/29/2012	22.25	1.10	24.48
Total Regular Expenses					182.25		200.48
Phase Total 001 PROJECT MANAGEMENT & ADMIN (PPS)					2,525.48		

Phase : 002 REPORT, DATA GATHERING (PPS)

Rate Schedule Labor									
Employee Name	Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Associate									
05151 DAVID R. CLINE	2100	T22	****	Reg	08/28/2012	09/01/2012	0.5	155.00	77.50
05151 DAVID R. CLINE	2100	T22	****	Reg	09/11/2012	09/15/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/14/2012	09/15/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	09/18/2012	09/22/2012	2.0	155.00	310.00
05151 DAVID R. CLINE	2100	T22	****	Reg	08/31/2012	09/29/2012	7.0	155.00	1,085.00



Billing Analysis Through 9/29/2012

Project : 21-1-12393 WILLOW CREEK DAYLIGHT
 Inv Group 01 PHASES 001 THRU 007
 Client : 05513 PEOPLE FOR PUGET SOUND
 Rate GH12S 2012 General Hourly - Seattle

Phase : 002 REPORT, DATA GATHERING (PPS)

Rate Schedule Labor Employee Name	Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Associate									
05151 DAVID R. CLINE	2100	T22	****	Reg	09/25/2012	09/29/2012	4.0 15.5	155.00	620.00 2,402.50
Senior Professional									
05015 WILLIAM R. LEWIS	2100	T18	****	Reg	09/11/2012	09/29/2012	4.0	108.00	432.00
05015 WILLIAM R. LEWIS	2100	T18	****	Reg	09/18/2012	09/29/2012	2.0	108.00	216.00
05015 WILLIAM R. LEWIS	2100	T18	****	Reg	09/20/2012	09/29/2012	1.0 7.0	108.00	108.00 756.00
Senior Office Services									
00315 A G BLACK	2100	A17	****	Reg	09/04/2012	09/08/2012	0.5	85.00	42.50
Regular Expenses									
Vendor Name	Org	Doc Nbr	Transaction Date		Period End Date			Cost	Amount
DC - Subcontracts									
01770 CONFLUENCE ENVIRONMENTAL COMPANY	2100	247056	9/17/2012		9/29/2012			1,280.00	1,408.00
								1,280.00	1,408.00

Phase : 003 ALIGNMENT ALTS. SCREENING (PPS)

Rate Schedule Labor Employee Name	Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Vice President									
04801 KATIE L. WALTER	2100	T25	****	Reg	08/22/2012	08/25/2012	2.0	225.00	450.00
04801 KATIE L. WALTER	2100	T25	****	Reg	08/23/2012	08/25/2012	0.5	225.00	112.50
04801 KATIE L. WALTER	2100	T25	****	Reg	08/24/2012	08/25/2012	1.5	225.00	337.50
04801 KATIE L. WALTER	2100	T25	****	Reg	08/27/2012	09/01/2012	1.0 5.0	225.00	225.00 1,125.00
Associate									
05151 DAVID R. CLINE	2100	T22	****	Reg	08/20/2012	08/25/2012	0.5	155.00	77.50
05151 DAVID R. CLINE	2100	T22	****	Reg	08/22/2012	08/25/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	08/28/2012	09/01/2012	1.5	155.00	232.50



Billing Analysis

Through 9/29/2012

Project : 21-1-12393 WILLOW CREEK DAYLIGHT
Inv Group 01 PHASES 001 THRU 007
Client : 05513 PEOPLE FOR PUGET SOUND
Rate GH12S 2012 General Hourly - Seattle

Phase : 003 ALIGNMENT ALTS. SCREENING (PPS)

Rate Schedule Labor		Employee Name		Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount	
Associate													
	05151 DAVID R. CLINE	2100	T22	****	Reg	09/07/2012		09/08/2012		1.0	155.00	155.00	
	05151 DAVID R. CLINE	2100	T22	****	Reg	09/13/2012		09/15/2012		1.0	155.00	155.00	
	05151 DAVID R. CLINE	2100	T22	****	Reg	09/14/2012		09/15/2012		2.0	155.00	310.00	
	05151 DAVID R. CLINE	2100	T22	****	Reg	09/21/2012		09/22/2012		2.0	155.00	310.00	
										9.0		1,395.00	
Professional III													
	05081 BROOKE E. O'NEILL	2100	T16	****	Reg	08/19/2012		08/25/2012		3.0	90.00	270.00	
	05081 BROOKE E. O'NEILL	2100	T16	****	Reg	08/19/2012		08/25/2012		1.0	90.00	90.00	
										4.0		360.00	
Senior Office Services													
	04573 LORI K. NELSON	2100	A17	****	Reg	09/28/2012		09/29/2012		0.7	85.00	59.50	
						Total Rate Schedule Labor				18.7		2,939.50	
Regular Expenses													
Vendor Name		Org	Doc Nbr		Transaction Date	Period End Date		Cost	Multiplier		Amount		
DC - Subcontracts													
	01770 CONFLUENCE ENVIRONMENTAL COMPANY	2100	247056		9/17/2012	9/29/2012		2,240.00	1.10		2,464.00		
	08709 ANCHOR QEA, LLC	2100	248146		10/2/2012	9/29/2012		1,085.00	1.10		1,193.50		
						Total Regular Expenses				3,325.00		3,657.50	
												Phase Total 003 ALIGNMENT ALTS. SCREENING (PPS)	6,597.00

Phase : 004 TIDAL MARSH HYDROLOGY (PPS)

Rate Schedule Labor		Employee Name		Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Associate												
	05151	DAVID R. CLINE		2100	T22	****	Reg	09/11/2012	09/15/2012	2.0	155.00	310.00
	05151	DAVID R. CLINE		2100	T22	****	Reg	09/19/2012	09/22/2012	1.0	155.00	155.00
	05151	DAVID R. CLINE		2100	T22	****	Reg	09/27/2012	09/29/2012	1.5	155.00	232.50
											697.50
										4.5		
Total Rate Schedule Labor										4.5		697.50



Billing Analysis Through 9/29/2012

Project : 21-1-12393 WILLOW CREEK DAYLIGHT
Inv Group 01 PHASES 001 THRU 007
Client : 05513 PEOPLE FOR PUGET SOUND
Rate GH12S 2012 General Hourly - Seattle

Phase : 004 TIDAL MARSH HYDROLOGY (PPS)

Regular Expenses Vendor Name	Org	Doc Nbr	Transaction Date	Period End Date	Cost	Multiplier	Amount
DC - Subcontracts 08709 ANCHOR OEA, LLC	2100	248146	10/2/2012	9/29/2012	5,131.25	1.10	5,644.38
Total Regular Expenses					5,131.25		5,644.80
Phase Total 004 TIDAL MARSH HYDROLOGY (PPS)							6,341.88

Phase : 005 FISH HABITAT ANALYSIS (PPS)

Rate Schedule Labor		OT	Transaction	Period End	Hours	Rate	Amount
Employee Name	Org	Activity	Date	Date			
Associate							
05151 DAVID R. CLINE	2100	****	09/14/2012	09/15/2012	2.0	155.00	310.00
05151 DAVID R. CLINE	2100	****	09/25/2012	09/29/2012	1.0	155.00	155.00
					3.0		465.00
Total Rate Schedule Labor					3.0		465.00
Regular Expenses			Transaction	Period End		Cost	Amount
Vendor Name	Org	Doc Nbr	Date	Date		Multiplier	
DC - Subcontracts							
01770 CONFLUENCE ENVIRONMENTAL COMPANY	2100	247056	9/17/2012	9/29/2012		2,992.50	3,291.75
Total Regular Expenses						2,992.50	3,291.75
Phase Total 005 FISH HABITAT ANALYSIS (PPS)							3,756.75

Phase : 006 EARLY FEASIBILITY REPORT (PPS)

Rate Schedule Labor Employee Name	Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Associate 05151 DAVID R. CLINE	2100	T22	****	Reg	09/28/2012	09/29/2012	2.0	155.00	310.00
Total Rate Schedule Labor							2.0		310.00
Phase Total 006 EARLY FEASIBILITY REPORT (PPS)									310.00



Billing Analysis Through 9/29/2012

Project : 21-1-12393 WILLOW CREEK DAYLIGHT
Inv Group 01 PHASES 001 THRU 007
Client : 05513 PEOPLE FOR PUGET SOUND
Rate GH12S 2012 General Hourly - Seattle

Phase : 007 TEAM MEETINGS (PPS)

Rate Schedule Labor Employee Name	Org	Class	Activity	OT Ind	Transaction Date	Period End Date	Hours	Rate	Amount
Associate									
05151 DAVID R. CLINE	2100	T22	****	Reg	08/08/2012	08/11/2012	1.0	155.00	155.00
05151 DAVID R. CLINE	2100	T22	****	Reg	08/09/2012	08/11/2012	3.5	155.00	542.50
05151 DAVID R. CLINE	2100	T22	****	Reg	08/13/2012	08/18/2012	1.0	155.00	155.00
							5.5		852.50
							5.5		852.50

Regular Expenses Vendor Name	Org	Doc Nbr	Transaction Date	Period End Date	Cost	Multiplier	Amount
DC - Travel & Subsistence							
05151 DAVID R. CLINE	2100	246639	9/6/2012	9/8/2012	95.73	1.10	105.30
DC - Subcontracts							
01770 CONFLUENCE ENVIRONMENTAL COMPANY	2100	247056	9/17/2012	9/29/2012	640.00	1.10	704.00
DC - Other Job Costs							
03512 IN-HOUSE REPRODUCTION	2100	245468	8/14/2012	8/18/2012	9.00	1.10	9.90
05151 DAVID R. CLINE	2100	246639	9/6/2012	9/8/2012	16.95	1.10	18.65

Total Regular Expenses	761.68	837.85
Phase Total 007 TEAM MEETINGS (PPS)		1,690.35

Invoice Total 21-1-12393 WILLOW CREEK DAYLIGHT (01) 25,830.46



720 Olive Way, Suite 1900
Seattle, Washington 98101
Phone 206.287.9130
Fax 206.287.9131

October 2, 2012
120017-01.01

Shannon & Wilson, Inc.
400 N. 34th St. Suite 100
Seattle, WA 98103

Re: Willow Creek Daylighting

Enclosed is our invoice for work completed on the Willow Creek Daylighting project through September 2012. Our effort included:

- Review of Draft Alternatives Screening Memo (Task 3)
- Develop Existing Conditions Hydrodynamic Model (Task 4)
- Prepare Invoice (Task 1)

Please call me at 360-733-4311 X232 if you have any questions.

Sincerely,

Kathy Ketteridge
Anchor QEA, LLC

INVOICE APPROVAL
Vendor # 08709 Date 9/29/12
Amount \$ 6,238.50 (H)
G/L 21/4140
Job # 21-1-12393
Subcontractor Yes ☐ No ☐
Approv. PRC Voucher # 248146



Invoice

Please send remittance with copy of invoice to
Confluence Environmental Company
146 N Canal Street, Suite 111
Seattle, WA 98103-8652

Shannon and Wilson Proposal # 21-2-60840
Invoice Period End: 8/31/2012
Date: 9/11/2012
Invoice Number: 10661

To: Shannon and Wilson
400 North 34th Street, Suite 100
Seattle, WA 98103

Willow Creek Daylight Early Feasibility Study

SUMMARY OF ACCOUNT

A.	Total Charges this Period		\$7,312.50
B.	Total Charges previously invoiced	\$0.00	
C.	Total payments received	\$0.00	
D.	Previous balance due (B-C)	\$0.00	
E.	Current balance due (credit) (A+D)		\$7,312.50
G.	Total current contract amount		\$20,249.00
H.	Total invoiced to date (A+B)		\$7,312.50
I.	Amount remaining for contract completion (G-H)		\$12,936.50

Paul T. Helling 9/11/2012
Project Manager Date

INVOICE APPROVAL
Vendor # 01770 Date 9/13/12
Amount \$ 7,312.50
G/L 21/4140
Job # 21-1-12393-001
Subcontractor Yes ☒ No ☐
Approv KLW Voucher 247096
W/E 9/15/12

Task 1 \$160.00
Task 2 \$1,280.00
Task 3 \$2,240.00
Task 5 \$2,992.50
Task 7 \$640.00

COPY

Willow Creek Daylight Early Feasibility Study



21-2-60840

Willow Creek Daylight Early Feasibility Study.

8/31/2012

9/11/2012

Invoice Number: 10661

Task Code	Staff	Classification	Hours	Rate	Total
Task 1: Project Management & Admin	Paul Schlenger	Senior Scientist	1.00	\$160.00	\$160.00
Subtotal Task 1			1.00		\$160.00
Task 2: Report, Data Gather, Baseline Map	Paul Schlenger	Senior Scientist	8.00	\$160.00	\$1,280.00
Subtotal Task 2			8.00		\$1,280.00
Task 3: Alignment Alternatives Screening	Paul Schlenger	Senior Scientist	14.00	\$160.00	\$2,240.00
Subtotal Task 3			14.00		\$2,240.00
Task 4: Tidal Marsh Hydrology of Existing and Proposed	Paul Schlenger	Senior Scientist		\$160.00	\$0.00
Subtotal Task 4			0.00		\$0.00
Task 5: Fish Habitat Analysis	Paul Schlenger	Senior Scientist	18.00	\$160.00	\$2,880.00
	Kerrie McArthur	Senior Scientist	0.75	\$150.00	\$112.50
Subtotal Task 5			18.75		\$2,992.50
Task 6: Early Feasibility Report and Plan	Paul Schlenger	Senior Scientist		\$160.00	\$0.00
Subtotal Task 6			0.00		\$0.00
Task 7: Team Meetings	Paul Schlenger	Senior Scientist	4.00	\$160.00	\$640.00
Subtotal Task 7			4.00		\$640.00
Monthly Labor charge			45.75		\$7,312.50

DETAIL OF DIRECT CHARGES	Unit	Cost/Unit	Total
Direct Reimbursables			
Total Direct Expenses			#REF!
Total Charge			

Shannon and Wilson Proposal # 21-2-60840
 Invoice Period: 8/31/2012
 Date: 9/11/2012
 Invoice Number: 10661

SUMMARY OF CHARGES TO DATE BY TASK

Total Costs		TASK ORDER		TASK ORDER		TASK ORDER		TASK ORDER		TASK ORDER		TASK ORDER	
TASK	TYPE	TASK ORDER BUDGET	AUTHORIZED AMOUNT	CURRENT INVOICE	PREVIOUSLY INVOICED	INVOICED TO DATE	BUDGET REMAINING	AUTHORIZED AMOUNT	REMAINING	BUDGET REMAINING	AUTHORIZED AMOUNT	REMAINING	AUTHORIZED AMOUNT
Willow Creek Daylight Early Feasibility Study													
Task 1: Project Management & Admin	Labor Expenses	\$ 830.00	\$ 830.00	\$ 160.00	\$ -	\$ 160.00	\$ 670.00	\$ 670.00	\$ -	\$ 670.00	\$ 670.00	\$ -	\$ 670.00
	Subtotal	\$ 830.00	\$ 830.00	\$ 160.00	\$ -	\$ 160.00	\$ 670.00	\$ 670.00	\$ -	\$ 670.00	\$ 670.00	\$ -	\$ 670.00
Task 2: Report, Data Gather, Baseline Map	Labor Expenses	\$ 1,280.00	\$ 1,280.00	\$ 1,280.00	\$ -	\$ 1,280.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	\$ 1,280.00	\$ 1,280.00	\$ 1,280.00	\$ -	\$ 1,280.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 3: Alignment Alternatives Screening	Labor Expenses	\$ 2,240.00	\$ 2,240.00	\$ 2,240.00	\$ -	\$ 2,240.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	\$ 2,240.00	\$ 2,240.00	\$ 2,240.00	\$ -	\$ 2,240.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 4: Tidal Marsh Hydrology of Existing and Proposed Conditions	Labor Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Task 5: Fish Habitat Analysis	Labor Expenses	\$ 9,720.00	\$ 9,720.00	\$ 2,992.50	\$ -	\$ 2,992.50	\$ 6,727.50	\$ 6,727.50	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	\$ 9,720.00	\$ 9,720.00	\$ 2,992.50	\$ -	\$ 2,992.50	\$ 6,727.50	\$ 6,727.50	\$ -	\$ -	\$ -	\$ -	\$ -
Task 6: Early Feasibility Report and Plan	Labor Expenses	\$ 3,840.00	\$ 3,840.00	\$ -	\$ -	\$ -	\$ 3,840.00	\$ 3,840.00	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	\$ 3,840.00	\$ 3,840.00	\$ -	\$ -	\$ -	\$ 3,840.00	\$ 3,840.00	\$ -	\$ -	\$ -	\$ -	\$ -
Task 7: Team Meetings	Labor Expenses	\$ 2,240.00	\$ 2,240.00	\$ 640.00	\$ -	\$ 640.00	\$ 1,600.00	\$ 1,600.00	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	\$ 2,240.00	\$ 2,240.00	\$ 640.00	\$ -	\$ 640.00	\$ 1,600.00	\$ 1,600.00	\$ -	\$ -	\$ -	\$ -	\$ -
CURRENT TOTAL		\$ 20,249.00	\$ 20,249.00	\$ 7,312.50	\$ -	\$ 7,312.50	\$ 12,936.50	\$ 12,936.50	\$ -	\$ -	\$ -	\$ -	\$ -