

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	<u>\$60,173</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$60,173</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4011 Agency 721 Org. W031 Object 6546

Is Item Included in Current Budget? Yes No

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

One (1) time capital expenditure from user fees with balances brought forward.

C. Department Fiscal Review: Delora M West

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

[Signature]
OFMB
2/9/15

[Signature] 3/2/15
Contract Development and Control
3-2-15 R. Wheeler

B. Legal Sufficiency:

[Signature] 3/5/15
Assistant County Attorney

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.



**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

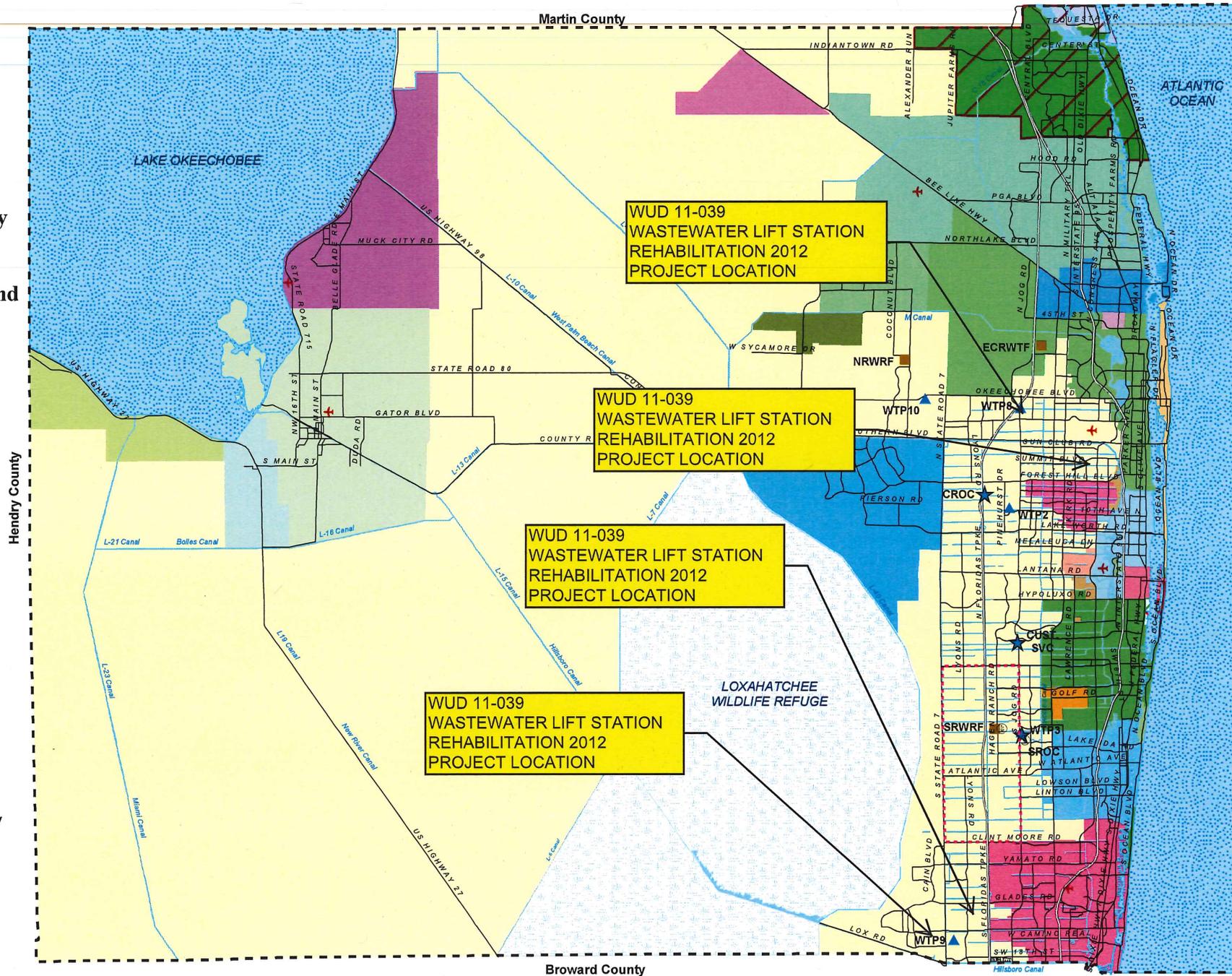
Attachment 1

Legend

- P.B.C.W.U.D. SA
- Mandatory Reclaimed SA
- Palm Beach County Limits
- Administration
- Water Reclamation Facility
- Water Treatment Facility
- Wetlands



NOT TO SCALE



**WUD 11-039
WASTEWATER LIFT STATION
REHABILITATION 2012
PROJECT LOCATION**

**WUD 11-039
WASTEWATER LIFT STATION
REHABILITATION 2012
PROJECT LOCATION**

**WUD 11-039
WASTEWATER LIFT STATION
REHABILITATION 2012
PROJECT LOCATION**

**WUD 11-039
WASTEWATER LIFT STATION
REHABILITATION 2012
PROJECT LOCATION**

Martin County

Hendry County

Broward County

ATLANTIC OCEAN

CHANGE ORDER

PROJECT: Waster Water Lift Stations Rehabilitation Project 2012
WATER UTIL. DEPT. PROJECT NO. WUD 11-039
DISTRICT NUMBER: 2 & 5
CHANGE ORDER NO.: Three(3)

TO:	DOCUMENT NO.	R2013-0685
Hinterland Group Inc	CONTRACT DATE:	June 04, 2013
5401 N. Haverhill Rd, Unit 114	NOTICE TO PROCEED:	July 15, 2013
West Palm Beach, Florida 33407	BUDGET LINE ITEM:	4011-721-W031-6546

You are directed to make the following changes in this contract:

3.1 Lift Station 5049, terminal MH exploration. (5 days)	6,601.00
3.2 Lift Station 5049, terminal MH Removal. (14 days)	48,682.38
3.3 Lift Station 5049 Tree Removal. (1 day)	1,300.00
3.4 Lift station 5049, additional wet well riser. (7 day)	3,589.29
3.5 Time extension (119 days)	0.00
TOTAL	\$60,172.67

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

The Original Contract Sum was.....	<u>\$2,598,835.00</u>
Net Change by previous Change Orders.....	<u>52,716.18</u>
The Contract Sum prior to this Change Order was.....	<u>\$2,651,551.18</u>
The Contract Sum will be increased by this Change Order.....	<u>60,172.67</u>
The New Contract Sum indicating this Change Order will be....	<u>\$2,711,723.85</u>
The Contract Time for will be increased by 146 days	<u>146 Days</u>
The Date of Substantial Compl. Including this Change Order:	<u>Dec 16, 2014</u>
The date of Final Compl. Including this Change Order:	<u>Jan 15, 2015</u>

EXECUTION OF THIS CHANGE ORDER ACKNOWLEDGES FINAL SETTLEMENT OF, AND RELEASES, ALL CLAIMS FOR COSTS AND TIME ASSOCIATED, DIRECTLY OR INDIRECTLY, WITH THE ABOVE STATED MODIFICATION (S), INCLUDING ALL CLAIMS FOR CUMULATIVE DELAYS OR DISRUPTIONS RESULTING FROM, CAUSED BY, OR INCIDENT TO SUCH MODIFICATION (S) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

Waster Water Lift Stations Rehabilitation Project 2012
Project No. WUD 11-039
District Number: 2 & 5
Contract No. R2013-0685
Change Order No. Three(3)

Palm Beach County

Hinterland Group

Palm Beach County

Joseph Tanacredi, P.E.

ENGINEER

P.O. Box 16097

Address

WPB, Fl 33416

CONTRACTOR

5401 N. Haverhill Rd

Address

WPB, Fl 33407

Shelley Vana, Mayor

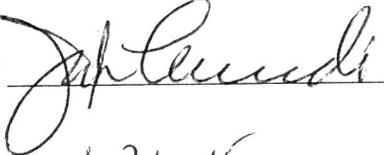
OWNER:

P.O. Box 16097

Address

WPB, Fl 33416

BY



BY



BY

DATE

1-21-15

DATE

1-22-15

DATE

JCS

Approved As to Form and Legal Sufficiency

BY: _____

County Attorney

Attest: Sharon R. bock, Clerk and Comptroller

BY: _____

Deputy Clerk

Waster Water Lift Stations Rehabilitation Project 2012
Project No. WUD 11-039
District Number: 2 & 5
Contract No. R2013-0685
Change Order No. Three(3)

CHANGE ORDER CATEGORIZATION

OWNER INITIATED

QUANTITY OVERRUNS/UNDER-RUNS

DIFFERING SITE CONDITIONS

REQUEST BY ANOTHER AGENCY/OUTSIDE

ZONING/CODE/ORDINANCE CHANGES

A. REIMBURSABLE

ERRORS/OMISSIONS/IN DESIGN

B. NON-REIMBURSABLE

Waster Water Lift Stations Rehabilitation Project 2012
Project No. WUD 11-039
District Number: 2 & 5
Contract No. R2013-0685
Change Order No. Three(3)

SCOPE OF WORK

- 3.1 Lift Station 5049, terminal manhole exploration to identify the size and location of the existing Manhole. (Differ Site Condition)
 - 3.2 Lift Station 5049, Remove the existing terminal Manhole. In conflict with the new wet well (Owner Initiated)
 - 3.3 Lift Station 5049, remove tree which is in conflict with existing design wet well location. (Errors & Omission)
 - 3.4 Lift Station 5049, add additional wet well riser to meet existing grade. (Errors/Omission)
 - 3.5 Additional time required for FPL to switch power and misc time extensions do to design revisions. (Differ Site Conditions)
-

Waster Water Lift Stations Rehabilitation Project 2012

Project No. WUD 11-039

District Number: 2 & 5

Contract No. R2013-0685

Change Order No. Three (3)

SUMMARY

<u>C.O. #</u>	<u>DESCRIPTION</u>	<u>ADDITIONS</u>	<u>(DELETIONS)</u>	<u>NET CHANGE</u>
3.1	Exploration of MH	6,601.00		6,601.00
3.2	MH removal	48,682.38		48,682.38
3.3	Tree Removal	1,300.00		1,300.00
3.4	Wet Well riser	3,589.29		3,589.29
3.5	Time extension	0.00		0.00
	Total			\$ 60,172.67

Exploratory Digging at LS 5049
Cost for Change Estimate - Cost Calculations

This cost is for exploratory digging around the existing terminal manhole at LS 5049 needed to decide how to proceed with repairs to the manhole

5 days

Deducts:

1. Material:

Item	Unit \$	# Units	Total
Total			\$0.00

2. Labor:

Item	Unit \$	# Units	Total
Total			\$0.00

Additions:

1. Material:

Item	Unit \$	# Units	Total
Trench Box Rental Weekly	\$800.00	1	\$800.00
Dewatering Setup and Operation Daily	\$200.00	4	\$800.00
Total			\$1,600.00

2. Labor:

Item	Unit \$	# Units	Total
4 man crew (hour) includes relocation of existing utilities by hand excavation and all other required labor	\$250.00	16	\$4,000.00
Total			\$4,000.00

Total Material Add:	\$1,600.00
Total Labor Add:	\$4,000.00
Subtotal Labor and Materials:	\$5,600.00
OH&P 15%:	\$840.00
Bond Cost 2.5%:	\$161.00
Grand Total:	\$6,601.00

Manhole Abandonment at LS 5049
Cost for Change Estimate - Cost Calculations

This cost is for abandoning the terminal manhole at LS 5049 in place and reconfiguration of the site plan/layout including wet well location and will include the following: removal and disposal of the concrete chimney and top slab, removal of existing pvc pipe in manhole and replacement with proper size DIP pipe, backfill of manhole with imported clean fill, removal of gravity piping from west of existing manhole to facilitate wet well install. the bypass pumping system will now need to be setup across the street and run for an additional extended period of time.

Deducts:

14 days

1. Material:

Item	Unit \$	# Units	Total
Total			\$0.00

2. Labor:

Item	Unit \$	# Units	Total
Total			\$0.00

Additions:

1. Material:

Item	Unit \$	# Units	Total
Trench Box Rental Weekly	\$800.00	2	\$1,600.00
Dewatering Setup and Operation Daily	\$200.00	10	\$2,000.00
Bypass Pumping Weekly	\$1,400.00	5	\$7,000.00
Additional Sheeting and Shoring	\$1,000.00	1	\$1,000.00
Clean Fill per load	\$400.00	1	\$400.00
Concrete Disposal	\$500.00	1	\$500.00
Pipe and Fittings	\$1,500.00	1	\$1,500.00
6" Bypass Discharge Setup Under Roadway (Cut and Patch)	\$3,500.00	1	\$3,500.00
Total			\$17,500.00

2. Labor:

Item	Unit \$	# Units	Total
4 man crew (hour) total for excavation, setup, demolition, removal, backfill, concrete removal, etc.	\$250.00	70	\$17,500.00
Concrete Cutting	\$5,000.00	1	\$5,000.00
Hauling per load	\$250.00	2	\$500.00
Density Testing	\$500.00	1	\$500.00
Compaction per Hour	\$50.00	6	\$300.00
Total			\$23,800.00

3.2

Total Material Add:	\$17,500.00
Total Labor Add:	\$23,800.00
Subtotal Labor and Materials:	\$41,300.00
OH&P 15%:	\$6,195.00
Bond Cost 2.5%:	\$1,187.38
Grand Total:	<hr/> \$48,682.38

Joseph Tanacredi

From: Collin Hare [chare@hinterlandgroup.com]
Sent: Friday, December 12, 2014 2:16 PM
To: Joseph Tanacredi
Subject: RE: PBC LS Rehab 2012 - 5049 Tree

→ Cost to remove tree would be \$1,300.00

Collin Hare - Project Manager*Hinterland Group, Inc.*

5401 North Haverhill Road, Suite 114 | West Palm Beach, FL 33407

Tel (561) 640-3503 | Cell (561) 346-1063

Fax (561) 640-3504 | chare@hinterlandgroup.com

From: Joseph Tanacredi [mailto:jtanacredi@pbcwater.com]
Sent: Monday, December 08, 2014 2:50 PM
To: Collin Hare
Subject: RE: PBC LS Rehab 2012 - 5049 Tree

Get me an estimate.....also give me an estimate on removing the existing wet well.....

From: Collin Hare [mailto:chare@hinterlandgroup.com]
Sent: Monday, December 08, 2014 11:02 AM
To: Joseph Tanacredi
Cc: Chase Rogers
Subject: PBC LS Rehab 2012 - 5049 Tree

Joe -

As you know, we will be starting LS 5049 once we complete LS 968. We have done some initial investigation of the site at 5049 and we are concerned about an existing tree in front of the station. I attached a plan sheet of the station showing what tree we are talking about for your reference.

It was previously trimmed to the trunk 3-5 years ago and has since grown back. It will make construction difficult if it remains and there is a good chance it could be damaged by the excavator due to tight conditions. The tree is fairly large and the plans don't really depict the scale of how big the tree actually is. We also see it as a benefit to the County to get it out of the way for future maintenance of the lift station.

Is there any possibility of adding the removal of this tree as an extra to the project?

Collin Hare - Project Manager*Hinterland Group, Inc.*

5401 North Haverhill Road, Suite 114 | West Palm Beach, FL 33407

Tel (561) 640-3503 | Cell (561) 346-1063

Fax (561) 640-3504 | chare@hinterlandgroup.com

Addition of 18" riser at LS 5049
Cost for Change Estimate - Cost Calculations

This cost is to place an additional riser section at LS 5049 to avoid a conflict with the incoming gravity pipe and a joint in the wet well *> days*

Deducts:

1. Material:

Item	Unit \$	# Units	Total
Total			\$0.00

2. Labor:

Item	Unit \$	# Units	Total
Total			\$0.00

Additions:

1. Material:

Item	Unit \$	# Units	Total
Riser Section w/ Agruliner	\$1,200.00	1	\$1,200.00
Retaining Straps	\$45.00	6	\$270.00
Ramnek	\$65.00	1	\$65.00
Concrete	\$110.00	1	\$110.00
Crane Per Hour	\$125.00	4	\$500.00
Total			\$2,145.00

2. Labor:

Item	Unit \$	# Units	Total
4 man crew (hour)	\$225.00	4	\$900.00
Total			\$900.00

Total Material Add:		\$2,145.00
Total Labor Add:		\$900.00
Subtotal Labor and Materials:		\$3,045.00
OH&P 15%:		\$456.75
Bond Cost 2.5%:		\$87.54
Grand Total:		\$3,589.29



HINTERLAND GROUP, INC.
5401 N. Haverhill Rd. Unit 114
West Palm Beach, FL 33407
Phone: 561-640-3503
Fax: 561-640-3504

December 9th 2014

Palm Beach County Water Utilities Department
8100 Forest Hill Boulevard
West Palm Beach, FL 33413

RE: Request for Additional Days to Contract – Wastewater Lift Station Rehabilitation Project – 2012 (WUD 11 11-039)

Mr. Tanacredi –

This letter serves as Hinterland Group, Inc's (Hinterland) request to add ⁸²~~120~~ additional days of time to the contract due to various extras and other unforeseen delays.

There have been various documented changes to the scope of work added to each of the lift stations completed to date, including differing site conditions and errors or omissions in the design. All additional items have been either owner initiated or owner approved. The approvals for these work extras were either processed through Change Order #1 or Change Order #2. The extra work has taken a significant amount of time to complete and thus Hinterland believes a contract extension is warranted.

Completed Stations to Date w/ Time Extension Amount & Reasoning:

- Lift Station 170: **7 days** – Various additional work items CO#1
- Lift Station 5049: **30 days** - Due to re-design by County. Hinterland originally mobilized to the project site, but was notified the County needed to re-design the station and therefore delayed the Contractor.
- Lift Station 1050: **0 days** CO#1
- Lift Station 1046: **7 days** – Various additional work items CO#1
- Lift Station 1044: **10 days** – Various additional work items CO#1
- Lift Station 969: **10 days** – Various additional work items
- Lift Station 971: **21 days** – Various additional work items. Most significantly, removal of existing Dry Can
- Lift Station 968: **21 days** – Various additional work items. Most significantly, removal of existing Dry Can
- Modifications to Collin's Dr. Driveways: **14 days** – Additional work added on driveways location on Collin's Dr. CO#1

A breakdown of the days requested for each lift station can be provided on request.

Sincerely,

82
37

119

Collin Hare
Project Manger
Hinterland Group, Inc.



HINTERLAND GROUP, INC.
5401 N. Haverhill Rd. Unit 114
West Palm Beach, FL 33407
Phone: 561-640-3503
Fax: 561-640-3504

December 10th 2014

Palm Beach County Water Utilities Department
8100 Forest Hill Boulevard
West Palm Beach, FL 33413

RE: FPL Delays – Wastewater Lift Station Rehabilitation Project – 2012 (WUD 11 11-039)

Mr. Tanacredi –

This letter serves as Hinterland Group, Inc’s (Hinterland) stance on delays that Florida Power & Light (FPL) has caused on the completed lift stations that weren’t included on Change Order #1. This request relates to Lift Station #971, Lift Station #969, and Lift Station #968, which are the stations that have been completed most recently. The other completed lift stations that have been affected by FPL thus far, include Lift Station #170, Lift Station #1044, Lift Station #1046, and Lift Station #1050, but a time extension was granted for these stations on Change Order #1.

On numerous occasions for each Lift Station, FPL has been scheduled to perform various work, including connection of power necessary for station start-ups, and canceled with very little notice or have not shown up entirely without any notification. FPL has informed Hinterland that the same crews they utilize for this project are the same crews that handle their emergency work. The emergencies obviously take precedence over Hinterland’s requests, but this has added greatly to the delays. FPL has also cited many occasions where the weather was too severe to perform work, and therefore cancelled their scheduled appointments.

These delays have caused several issues to the way Hinterland has been able to perform the project the way it was originally bid. Specifically, FPL delays have added additional time and effort to be put forth by management to schedule and reschedule the numerous parties involved. Also, on-site crews schedules have been affected by FPL’s ongoing issues, thus slowing down production on the remaining Lift Stations. The delays have also incurred many additional days of bypass pumping for each Lift Station, which is a practice that requires a significant amount of resources to operate.

For these reasons, Hinterland is requesting a contract time extension of 37 days.

Sincerely,

Collin Hare
Project Manger
Hinterland Group, Inc.

SUPPLEMENT ADDITIONS/DELETIONS SUMMARY

PROJECT:	Waste Water Lift Station Rehabilitation 2012	<u>APPROVAL LIMITS:</u>						
CONTRACTOR:	Hinterland Group	DEPARTMENT HEAD	CONTRACT REVIEW COMMITTEE	DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE				
PROJECT NO.:	11-039							
RESOLUTION:	R20013-0685	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)	
DATE APPROVED:	02/04/14	INDIVIDUAL C.O.	\$50,000.00	30 Days	\$100,000.00	90 Days	\$0	0 Days
CONTRACT AMOUNT:	\$2,598,8350	CUMMULATIVE C.O.	\$50,000.00	30 Days	\$100,000.00	90 Days	\$200,000.00	90 Days

Supple	DATE APPROVED	NET CHANGE	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM.		BOARD OF COUNTY COMMISSIONERS		TOTALS	
			(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS	(ADDS PLUS DEDUCTS) AMOUNT	DAYS		
001	8/27/14	23,158.70	0	0	23,158.70	60	23,158.70	60	0	0	23,158.70	
002	1/7/15	29,557.48	29,557.48	6	0.00	0	29,557.48	6	0	0	29,557.48	
003	pending	60,172.67	0	0	0	0	0	0	60,172.67	146	60,172.67	
TOTAL			112,888.85	29,557.48	6	23,158.70	60	52,716.18	66	60,172.67	146	112,888.85

Notes:

1. Net Change reflects the net amount of additions plus deductions.
2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
3. Liquidated Damages = \$0 (Prior to Substantial Completion) and = \$0 (After Substantial Completion).

SCHEDULE 1

PARTICIPATION BY SBE/WBE SUBCONTRACTORS

PROJECT NAME: Waste Water Lift Station Rehabilitation 2012 WUD No. 11-039
 NAME OF PRIME CONTRACTOR: Hinterland Group Change Order NO. 3
 CONTACT PERSON: Chase Rogers PHONE NO: _____ FAX NO. _____
 Change Order No: 3 DEPARTMENT: Water Utilities

Name, Address and Phone Number of M/WBE	Type of Work To Be Performed	Subcontract Amount			
		Black	Hispanic	Women	Other (Please Specify)
1.		---	---	---	---
2.		---	---	---	---
3.		---	---	---	---
4.		---	---	---	---
5.		---	---	---	---
6.		---	---	---	---
7.		---	---	---	---
8.		---	---	---	---
9.		---	---	---	---
10.		---	---	---	---
Totals		\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

Original Contract Amount	<u>\$2,598,835.00</u>	Original Participation	<u>2,598,835.00</u>	Percent Participation	<u>100</u>
Adjusted Contract Amount	<u>\$2,711,723.85</u>	Adjusted Participation	<u>2,711,723.85</u>	Adjusted Percent	<u>95.83</u>

M/WBE