Flood Plain Ordina		DATE August 8, 2013	<b>1037</b> 69-217/515
PAY TO THE ORDER OF	ANTERO RESOURCES		<b>2,8</b> 97.60
Two Thousand Eight Hun	dred Ninety-Seven Dollars and		Security features included. Details on back.
			300 h
CORNERS TONE West Union; WV 26466		Beth	a. Rozera
	ewis FWI	Beth	a. Rozeral

By: BH - MEH - AML **Asst. Chief Tax Deputy**  W. C. Underwoou **Sheriff of Doddridge County** 

The Person paying Money into the Treasury shall forthwith file one of these Receipts with the County Clerk

### **Doddridge County, West Virginia**

231 No.

> August 1, 2013 Date:

> > \*\*\*Customer copy\*\*\*

Received: #13-049 Antero Bee Lewis FW 1

\$2,997.47

In Payment For:

**Building Permits (LP)** 

For:

12-Flood Plain Ordinance #20 Fund

By: BH - MEH - AML

W. C .Underwood Jr.

**Asst. Chief Tax Deputy** 

**Sheriff of Doddridge County** 



## ANTERO RESOURCES CORPORATION 1625 17th STREET, SUITE 300 RESOURCES DENVER, COLORADO 80202

Vendor Name	Vendor No.	Date	Check Number	Check Total
DODDRIDGE COUNTY CLERK	45582	Jul-26-2013	34643	\$2,997.47

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMTS & DISCOUNTS	NET AMOUNT	
• • • • • • • • •	50 BEELEWISFWI	07/26/13	2,997.47	0.00	2,997.47	
	S FWI- FLOOD PLA: DICES PAID	IN PERMIT			2,997.47	

Bee Lewis FW1

#13-049

DETACH AND RETAIN FOR TAX PURPOSES

### **Doddridge County Flood Plain Refund Calculator (if not in Flood Plain)**

### Bee Lewis FWI

Estimated Construction Costs	\$299,494.00
Amount over \$100,000	\$199,494.00
Drilling Oil and Gas Well Fee	\$1,000.00
Deposit for additional charges	\$1,000.00
\$5 per \$1,000 over \$100,000	\$997.47
Amount Due with application	\$2,997.47
95% of Application Fee minus \$1,000 deposit	\$1,897.60
Cost for Permit	\$99.87
Total Refund (Includes 100% of 1,000 deposit)	\$2,897.60



July 18, 2013

Doddridge County Commission Attn: Dan Wellings, Doddridge County Floodplain Manager 118 East Court Street, Room 102 West Union, WV 26456 Antero Resources 1625 17th Street Denver, Colorado 80202 Office 303.357.7310 Fax 303.357.7315

### Mr. Wellings:

Antero Resources Appalachian Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for our Bee Lewis Fresh Water Impoundment. Our project is located in Doddridge County, West Union District and per FIRM map #54017C0115C, this location is not within the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- > FIRM Map

If you have any questions please feel free to contact me at (303) 357-6820.

Thank you in advance for your consideration.

Sincerely,

Shauna Redican

Permit Representative

Antero Resources Appalachian Corporation

**Enclosures** 

2013 JUL 19 AM 9: 48

## DODDRIDGE COUNTY

## FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

## SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN) 1. No work may start until a permit is issued. 2. The permit may be revoked if any false statements are made herein. 3. If revoked, all work must cease until permit is re-issued. 4. Development shall not be used or occupied until a Certificate of Compliance is issued. 5. The permit will expire if no work is commenced within six months of issuance. 6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements. 7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance. 8. I, THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE. **APPLICANT'S SIGNATURE** July 18, 2013 DATE SECTION 2: PROPOSE DEVELOPMENT (TO BE COMPLETED BY APPLICANT). IF THE APPLICANT IS NOT A NATURAL PERSON, THE NAME, ADDRESS, AND TELEPHONE NUMBER OF A NATURAL PERSON WHO SHALL BE APPOINTED BY THE APPLICANT TO RECEIVE NOTICE PURSUANT TO ANY PROVISION OF THE **CURRENT DODDRIDGE COUNTY FLOODPLAIN ORDINANCE.** Antero Resources Appalachian Corporation - Shauna Redican, Permit Representative **APPLICANT'S NAME:** ADDRESS: 1625 17th Street, Denver, CO 80202

TELEPHONE NUMBER: Contact Shauna Redican: 303-357-6820

**BUILDER'S NAME:** Antero Resources Appalachian Corporation ADDRESS: 1625 17th Street, Denver, CO 80202 **TELEPHONE NUMBER:** (303) 357-7310 **ENGINEER'S NAME:** Navitus Engineering, Inc. **ADDRESS:** 151 Windv Hill Lane **TELEHONE NUMBER:** 888-662-4185 **PROJECT LOCATION:** NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Key Oil Company (TM 19, P 7 and 13, DB 240, Pg 590-A) Lewis P. Bee (TM 19, P 6, AP 37, Pg 150) 22 Garton Plaza Route 1, Box 240-B Weston, WV 26452 West Union, WV 26456 **DISTRICT:** West Union DATE/FROM WHOM PROPERTY PURCHASED: N/A LAND BOOK DESCRIPTION: See Above **DEED BOOK REFERENCE:** See Above TAX MAP REFERENCE: See Above EXISTING BUILDINGS/USES OF PROPERTY: None NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT **PROPERTY** See Above ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE **SUBJECT PROPERTY** See Above

To avoid delay in processing the application, please provide enough information to easily identify the project location.

## DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES) A. STRUCTURAL DEVELOPMENT

#### ACTIVITY STRUCTURAL TYPE Χ **New Structure** Residential (1 – 4 Family) n Addition Residential (more than 4 Family) Alteration Non-residential (floodproofing) $\Pi$ Relocation $\Pi$ Combined Use (res. & com.) Demolition Π Replacement $\Pi$ Manufactured/Mobil Home **OTHER DEVEOPLMENT ACTIVITIES:** В. Ÿ Fill Mining Χ̈́. Drilling $\Pi$ **Pipelining** Χ Grading Excavation (except for STRUCTURAL DEVELOPMENT checked above) [] Watercourse Altercation (including dredging and channel modification) Drainage Improvements (including culvert work) Х Road, Street, or Bridge Construction

### C. STANDARD SITE PLAN OR SKETCH

Subdivision (including new expansion)

Individual Water or Sewer System

Other (please specify)

 $\Pi$ 

- 1. SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED.
- 2. IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:

  SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY.
- 3. SIGN AND DATE THE SKETCH.

ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT
IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED
CONSTRUCTION PROJECT IS WITHIN THE FLOODPLAIN \$\_N/A - Project is not located within the floodplain

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED).

NAME:\_\_\_\_N/A - Project is not located \_\_\_\_\_NAME:\_\_\_\_N/A - Project is not located \_\_\_\_\_NAME:\_\_\_\_N/A - Project is not located \_\_\_\_\_NAME:\_\_\_\_N/A - Project is not located \_\_\_\_\_NAME:\_\_\_NAME:\_\_\_\_NAME:\_\_\_NAME:\_\_\_\_NAME:\_\_\_NAME:\_\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_\_\_NAME:\_

NAME:\_\_\_\_\_

ADDRESS:\_\_\_\_

1. NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON ANY ADJACENT PROPERTY AT THE TIME THE FLOODPLAIN PERMIT APPLICATION IS FILED AND THE NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN ANY HOME ON ANY PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY.

ADDRESS: within the floodplain	NAME:ADDRESS:	
NAME:	NAME:	
ADDRESS:	ADDRESS:	

### E. CONFIRMATION FORM

NAME:\_\_\_\_\_

ADDRESS:\_\_\_\_\_

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NA	ME (PRINT): Shauna Redican		
SIG	NATURE: Shoudz -	DATE:_	7/18/2013
Afte Adr	er completing SECTION 2, APPLICANT should submit form to ninistrator/Manager or his/her representative for review.	o Floodplain	
SEC Adı	TION 3: FLOODPLAIN DETERMINATION (to be conministrator/Manager or his/her representative)	npleted by	<sup>,</sup> Floodplain
THI	E PROPOSED DEVELOPMENT:		
THE	PROPOSED DEVELOPMENT IS LOCATED ON:		
FIRM	M Panel:		
Date	M Panel:	`	
	/ /		
revi	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify a	oplicant that	the application
1001	ew is complete and NO FLOOPLAIN DEVELOPMENT PERMI	T IS REQUIRI	ED).
[] .	Is located in Special Flood Hazard Area.		. <del>:</del>
	FIRM zone designation		•
	100-Year flood elevation is:		NGVD (MSL)
0	Unavailable		(
[]	The proposed development is located in a floodway.		
	FBFM Panel No	Dated	
[]	See section 4 for additional instructions.		

SIGNED an Wellow

DATE 07/31/2013

## SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)

The applicant must submit the documents checked below before the application can be processed.

0 .	A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
0	Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also
[]	Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
[]	Plans showing the extent of watercourse relocation and/or landform alterations.
[]	Top of new fill elevationFt. NGVD (MSL).  For floodproofing structures applicant must attach certification from registered engineer or architect.
	Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.
[]	Manufactured homes located in a floodplain area must have a West Virginia Contractor's License and a Manufactured Home Installation License as required by the Federal Emergency Management Agency (FEMA).

: PERN	MIT DETERMINATION (T	o be completed by Floodpla	<u>iin</u>
sions of ty on M	the Floodplain Ordinance a lay 21, 2013. The permit is i	dopted by the County Commission	n of Doddrid
IED		DATE	. :
the prov	visions of the Doddridge Cou	inty Floodplain Ordinance and/or	conformance denied that
EALS:			[] Yes {} No
OITIONS	•		
	e determine determine sions of ty on Me part of the provent of the	e determined that the proposed act sions of the Floodplain Ordinance a ty on May 21, 2013. The permit is it part of this permit.  Floodplain Administrator/Manager the provisions of the Doddridge Coutation, the applicant may complete EALS: Appealed to the County	Floodplain Administrator/Manager found that the above was not in the provisions of the Doddridge County Floodplain Ordinance and/ordinance, the applicant may complete an appealing process below.  EALS: Appealed to the County Commission of Doddridge County? Hearing Date:  County Commission Decision - Approved [] Yes [] No

## SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued).

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

### COMPLETE 1 OR 2 BELOW:

1	Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space isFT. NGVD (MSL)
2	Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note: applica	Any work performed prior to submittal of the above information is at risk of the int.
SECTIO	ON 7: COMPLIANCE ACTION (To be completed by the Floodplain
<u>Admir</u>	nistrator/Manager or his/her representative).
as appli	odplain Administrator/Manager or his/her representative will complete this section icable based on inspection of the project to ensure compliance with the Doddridge Floodplain Ordinance.
INS	PECTIONS:
	DATE:BY: DEFICIENCIES ? Y/N
CON	MMENTS
SECTIO	N 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain
Admin	istrator/Manager or his/her representative).
Certifica	te of Compliance issued: DATF:

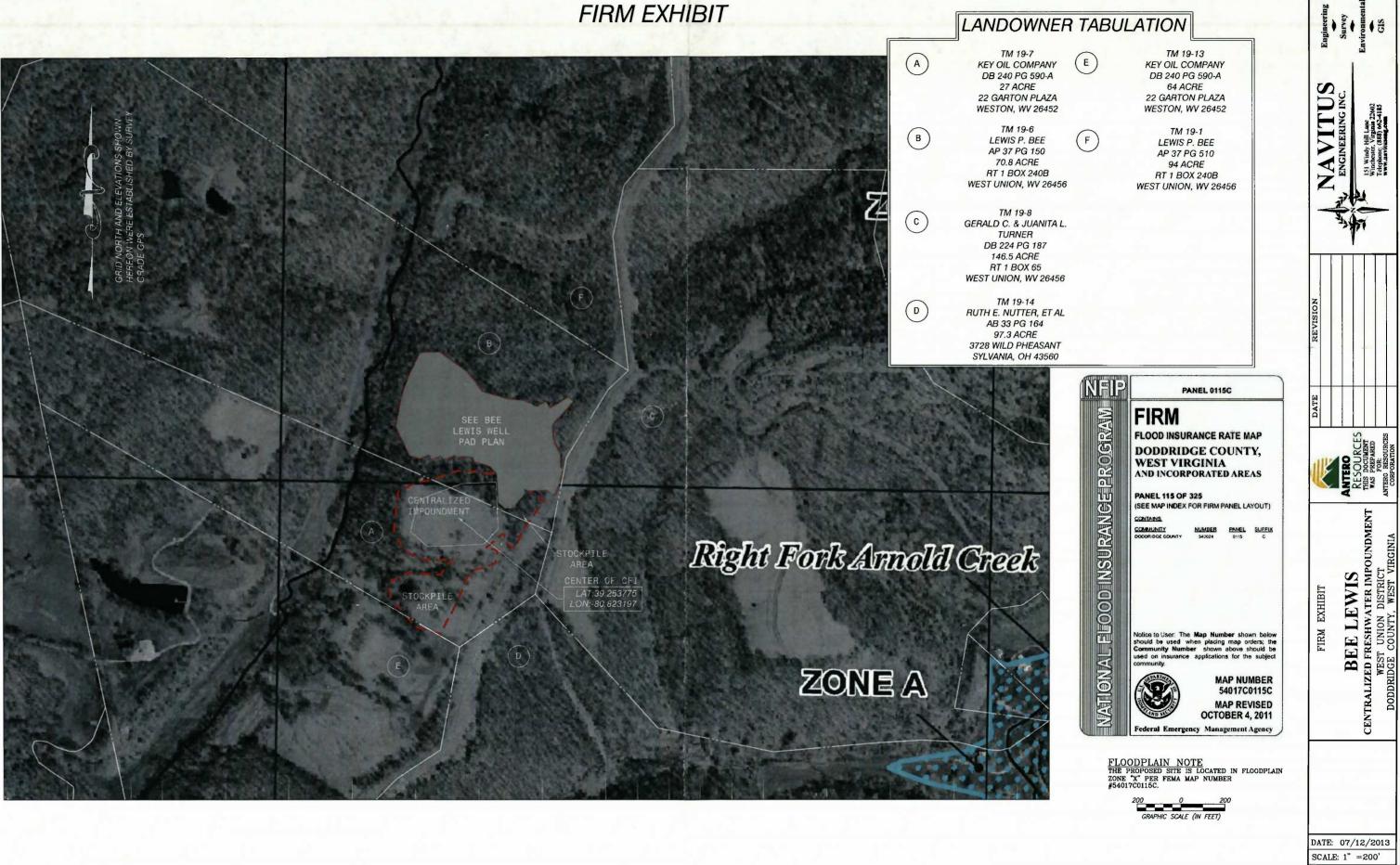
# CERTIFICATE OF COMPLIANCE FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA (OWNER MUST RETAIN)

PEF PEF	RMIT NUMBER:
PURPOSE	
CONSTRUCTION LOCATION:	
OWNER'S ADDRESS:	
THE FOLLOWING ASSIST DE CO	
ADMINISTRATOR/MANAGER	OMPLETED BY THE FLOODPLAIN OR HIS/HER AGENT.
COMPLIANCE IS HEREB	Y CERTIFIED WITH THE REQUIREMENT OF THE
FLOODPLAIN ORDINANCE AD DODDRIDGE COUNTY ON MA	OPTED BY THE COUNTY COMMISSION OF
	11 41, 4U13.
SIGNED	DATE

## ANTERO RESOURCES APPALACHIAN CORPORATION SCHEDULE OF QUANTITIES

## BEE LEWIS CENTRALIZED FRESHWATER IMPOUNDMENT

CLEARING & GRUBBING; EROSION & SEDIMENT CONTROLS				
CLEARING & GRUBBING; ERUSIQIY & SEDIMENT CONTROLS				
	QUANTITY	UNIT		
MOBILIZATION	1.0		\$16,000.00	\$16,000.00
CONSTRUCTION ENTRANCE		EΑ	*****	\$0.00
CLEARING & GRUBBING	6.5	AC	\$2,200.00	\$14,212.00
TREE REMOVAL	2.1	AC	\$4,333.00	\$8,925.9
8" COMPOST FILTER SOCK		LF	\$ 1,000.00	\$0.0
12" COMPOST FILTER SOCK	1374.7	LF	\$4.00	\$5,498.8
18" COMPOST FILTER SOCK	1374.7	LF	<del> </del>	\$0.0
24" COMPOST FILTER SOCK		LF		\$0.0
32" COMPOST FILTER SOCK				
SUPER SILT FENCE	43.1	LF	\$8.00	\$344.8
12" COMPOST SOCK DIVERSION	311.9	LF	\$4.00	
	311.9	LF	\$4.00	\$1,247.6
TOTAL				\$46,229.1
SITE	<del></del>			
SITE				
	QUANTITY	UNIT	I	**
CENTRALIZED IMPOUNDMENT EXCAVATION	41088.8	CY	\$4.00	\$164,355.2
TOPSOIL	2507.4	CY	\$3.00	\$7,522.2
DIVERSION DITCH	158.0	LF	\$2.00	\$315.9
TOTAL				\$172,193.3
ROAD CULVERTS				
	QUANTITY	UNIT		
R4 RIP RAP (INLETS/OUTLETS)	147.3	TON	\$9.00	\$1,325.7
AASHTO #1 STONE (DITCH CHECKS)	0.4	TON	\$48.00	\$19.2
TOTAL				\$1,344.9
FENCING/GATES	4			
	QUANTITY	UNIT		
4 FT WOVEN WIRE FARM FENCE w/MINIMUM 10 FT POST SPACING (WOODEN and/or "T" POST	1172.5	LF	\$17.00	\$19,932.5
16 FT DOUBLE GATE	1.0	EA	\$650.00	\$650.0
TOTAL			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$20,582.5
				,,
SEEDING	5			
	QUANTITY	UNIT		
SITE SEEDING (LIME, FERTILIZER, SEEDING, AND HYDRO-MULCH w/TACK (HYC-2 OR EQUAL))	6.5	AC	\$3,400.00	\$21,964.0
TOTAL		-70	\$5,400.00	\$21,964.0
TOTAL				721,504.0
				-
UNFORESEEN SITE CONDITIONS	<del></del>			
UNITONICATION SITE CONUMINATOR	QUANTITY	UNIT		
#DOCK CLAUCE DIACTING	QUANTITY			<b>ć</b> o o
*ROCK CLAUSE - BLASTING	+	CY		\$0.0
*ROCK CLAUSE - HOE RAMMING	+	CY		\$0.0
*FRENCH DRAINS		FT LF		\$0.0
*PHASE 1 FENCING - STEEL CORRUGATED PANELS W/T" POST (10 FT CENTERS) - WETLAND PROTECTION  *PHASE 2 FENCING - SILT FENCE AND OR FILTER SOCK OUTSIDE OF PHASE 3 FENCING - WETLAND PROTECTION	+	LF LF		\$0.0 \$0.0
*PHASE 3 FENCING - SILT FENCE AND OR FILTER SOCK OUTSIDE OF PHASE 3 FENCING - WEITAND PROTECTION  *PHASE 3 FENCING - ORANGE SAFETY FENCE W/T" POST (10FT CENTERS) - WEITAND PROTECTION	+	LF		\$0.0
*SILT FENCE		LF		\$0.0
*TEMPORARY SEEDING	4.3		\$1,900.00	\$8,094.0
*CONSTRUCTION STAKEOUT	+	HOUR	Ç2,555.66	\$0.0
* JUTE MATTING - SLOPE MATTING	14543.1	SY	\$2.00	\$29,086.1
	14343.1	10	\$2.00	\$37,180.1
TOTAL				337,180.1
				- A
	GRAND TOTAL	ı		\$299,494.09
	GRAND TOTAL			<del>+</del>



SHEET 1 OF 1