


Jurisdictional Waterways

Items Over Ordinary High Water Elevation (OHWE)

CHANNEL DESIGN VELOCITY
LESS THAN 6 FT/S


CHANNEL DESIGN VELOCITY
6 FT/S TO 12 FT/S

			OUTFALL NAME	OUTFALL NAME	OUTFALL NAME	TOTALS
ITEM 110-2002 EXCAVATION (CHANNEL) 	CY					
ITEM 432-2019 RIPRAP (STONE PROTECTION) (12 IN)	CY					
ITEM 432-2021 RIPRAP (STONE PROTECTION) (18 IN)	CY					
ORDINARY HIGH WATER ELEVATION						

Items Under Ordinary High Water Elevation (OHWE)

CHANNEL DESIGN VELOCITY
LESS THAN 6 FT/S

CHANNEL DESIGN VELOCITY
6 FT/S TO 12 FT/S

						TOTALS
ITEM 110-6002 EXCAVATION (CHANNEL) 	CY					
ITEM 432-6031 RIPRAP (STONE PROTECTION) (12 IN)	CY					(PQ)
ITEM 432-6033 RIPRAP (STONE PROTECTION) (18 IN)	CY					(PQ)

◀ COE PERMIT ITEM

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
(BB)

Non-Jurisdictional Waterways (Total Quantities

Including Above and Below Normal Water Elevation)

CHANNEL DESIGN VELOCITY
LESS THAN 6 FT/S

CHANNEL DESIGN VELOCITY
6 FT/S TO 12 FT/S

			OUTFALL NAME	OUTFALL NAME	OUTFALL NAME	TOTALS
ITEM 110-6002 EXCAVATION (CHANNEL) 	CY					
ITEM 432-6031 RIPRAP (STONE PROTECTION) (12 IN)	CY					
ITEM 432-6033 RIPRAP (STONE PROTECTION) (18 IN)	CY					

(BB)

DESIGNERS:
CONCRETE RIPRAP AND/OR INTERLOCKING ARTICULATING CONCRETE
BLOCKS ARE ALSO CONSIDERED FILL. BEFORE INSTALLING THIS
OR ANY OTHER ITEM UNDER OHWM (ORDINARY HIGH WATER MARK),
OBTAIN APPROVAL FROM ENVIRONMENTAL SECTION.

(PQ) PERMIT QUANTITIES

 BOTTOM AND SIDE SLOPE EXCAVATION (SEE OUTFALL
DETAILS FOR BRAZORIA, FORT BEND, GALVESTON,
MONTGOMERY, AND WALLER COUNTIES)

 Texas Department of Transportation
Houston District

(BRAZORIA, FORT BEND, GALVESTON,
MONTGOMERY AND WALLER COUNTIES)

OUTFALL QUANTITIES

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© TxDOT 2014	DWG -	CHK -	DWG -	CHK -	
5/1/2015	DISTRICT	PROJECT NO.		SHEET	
REVISIONS	COUNTY	CONTROL	SECTION	JOB	HIGHWAY