

CLEAR CREEK GRR
DESCRIPTION OF NED PLAN
(DRAFT 1-31-2007)

FOUR CONVEYANCE COMPONENTS:

Measure	U/S XSEC	D/S XSEC	Length (Miles)	Bottom Width (Ft)	Description
CLEAR CREEK	223,668	143,670	15.1	a) 200-ft bench cut b) 90-ft bench cut	a) SH288 to 4,000 ft downstream of Bennie Kate. b) 4,000 ft downstream of Bennie Kate to Dixie Farm Rd (A transition-control reach will be located near the confluence from reach “a” to reach “b” to force floodwater into upstream detention features.)
MUD GULLY	14,314	9,960	0.8	45' C/C lined	Downstream of Sagedowne to downstream of Astoria
TURKEY CREEK	12,639	196	2.4	20' & 25'	Dixie Farm Road to Mouth
MARYS CREEK	48,122	36,951	2.1	15', 27', & 35'	Harkey Road to SH35

FOUR DETENTION COMPONENTS:

Measure	Volume (Acre-feet)	Description
CLEAR CREEK LINEAR DETENTION	485	Inline detention (in deepened cutoffs, Cullen to downstream of SH-35)
CLEAR CREEK OFFLINE DETENTION	1,750	Offline detention (downstream of SH-35)
MUD GULLY OFFLINE DETENTION	1,515	Offline detention (near Beamer Road)
MARYS CREEK OFFLINE DETENTION	857	Offline detention (75% of existing SWEC & West Mary’s sites)