

***Exhibit C-D***  
***USACE Stage-Frequency Table***

**Delaware River Basin Interim Feasibility Study for New Jersey (Del. Comp) - March 12, 2010**

Delaware River Stage Frequency at Repaupo Creek

From River Mile (RM) 82 Comm. Barry Bridge  
 To River Mile (RM) 88.5 Greenwich Township Boundary w/ Paulsboro

Repaupo Creek confluence with Delaware River at RM 83.52

Event	AEP	RM 82	RM 82.5	RM 83	RM 83.5	RM 84	RM 84.5	RM 85	RM 85.5	RM 86	RM 86.5	RM 87	RM 87.5	RM 88	RM 88.5
2-year	0.50	5.46	5.46	5.47	5.48	5.48	5.49	5.50	5.50	5.51	5.52	5.52	5.53	5.53	5.54
5-year	0.2	6.05	6.06	6.07	6.07	6.08	6.09	6.09	6.10	6.11	6.11	6.12	6.13	6.13	6.14
10-year	0.1	6.41	6.41	6.42	6.43	6.43	6.44	6.44	6.45	6.46	6.46	6.47	6.48	6.48	6.49
25-year	0.04	6.90	6.91	6.91	6.92	6.92	6.93	6.93	6.94	6.95	6.95	6.96	6.96	6.97	6.98
50-year	0.02	7.22	7.23	7.23	7.24	7.24	7.25	7.25	7.26	7.26	7.27	7.28	7.28	7.29	7.29
100-year	0.01	7.56	7.57	7.57	7.58	7.59	7.59	7.60	7.60	7.61	7.61	7.62	7.62	7.63	7.63
250-year	0.004	8.04	8.04	8.04	8.05	8.05	8.06	8.06	8.06	8.07	8.07	8.08	8.08	8.08	8.09
500-year	0.002	8.36	8.37	8.37	8.37	8.37	8.38	8.38	8.38	8.39	8.39	8.39	8.40	8.40	8.40

Datum: feet NAVD 88

Notes:

River Mile Stationing Based upon shapefile provided by DRBC (rm\_delriv\_pt5)

Stage Frequency at Repaupo interpolated from NOAA's updated Exceedance Probabilities for Lewes, DE and Philadelphia gages (provided to District in Jan. 2009)

\*Revised by Baker 4/08/2010 due to new data for the 500 and 250 year flows.