

Appendix E: Sediment Volumes at Sections

43 CFS BASEFLOW - 9 MONTH DURATION (TOP 6 FEET OF DAM REMOVED)

SEDIMENT THROUGH SECTION (tons)		SEDIMENT DEPOSITED IN REACH (cu. yds)
STATION	TOTAL	TOTAL
800	1	0
700	17	-13
600	56	-31
550	52	3
475	36	13
370	129	-74
350	124	4

43 CFS BASEFLOW - 9 MONTH DURATION (COMPLETE DAM REMOVAL)

SEDIMENT THROUGH SECTION (tons)		SEDIMENT DEPOSITED IN REACH (cu. yds)
STATION	TOTAL	TOTAL
800	1	0
700	17	-13
600	56	-31
550	65	-7
475	63	2
370	203	-111
350	194	7

2 YEAR - 3 HOUR STORM EVENT (TOP 6 FEET OF DAM REMOVED)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	96
700	259
600	477
550	405
475	356
370	527
350	527

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
19
-130
-173
57
39
-136
0

2 YEAR - 3 HOUR STORM EVENT (COMPLETE DAM REMOVAL)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	96
700	259
600	569
550	643
475	1202
370	2679
350	2676

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
19
-129
-247
-59
-445
-1176
2

2 YEAR - 12 HOUR STORM EVENT (TOP 6 FEET OF DAM REMOVED)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	1612
700	1716
600	2021
550	1961
475	1939
370	2180
350	2180

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
307
-84
-243
48
18
-192
0

2 YEAR - 12 HOUR STORM EVENT (COMPLETE DAM REMOVAL)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	1694
700	1984
600	2963
550	3342
475	4096
370	5678
350	5675

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
313
-231
-780
-302
-601
-1260
3

10 YEAR - 24 HOUR STORM EVENT (TOP 6 FEET OF DAM REMOVED)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	10938
700	11140
600	11858
550	12111
475	12303
370	12617
350	12617

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
1030
-161
-572
-201
-153
-250
0

10 YEAR - 24 HOUR STORM EVENT (COMPLETE DAM REMOVAL)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	11902
700	13158
600	15043
550	15859
475	16935
370	18539
350	18535

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
792
-1000
-1502
-650
-858
-1277
3

50 YEAR - 24 HOUR STORM EVENT (TOP 6 FEET OF DAM REMOVED)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	21429
700	21663
600	22651
550	23027
475	23378
370	23800
350	23800

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
1431
-187
-787
-300
-279
-336
0

50 YEAR - 24 HOUR STORM EVENT (COMPLETE DAM REMOVAL)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	22852
700	24644
600	27217
550	28639
475	30034
370	31828
350	31794

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
1024
-1427
-2050
-1133
-1111
-1429
26

100 YEAR - 24 HOUR STORM EVENT (TOP 6 FEET OF DAM REMOVED)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	25126
700	25067
600	25900
550	26386
475	27096
370	27550
350	27540

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
1642
47
-663
-387
-565
-362
8

100 YEAR - 24 HOUR STORM EVENT (COMPLETE DAM REMOVAL)

SEDIMENT THROUGH SECTION (tons)

STATION	TOTAL
800	27274
700	29455
600	32161
550	33649
475	35027
370	36665
350	36650

SEDIMENT DEPOSITED IN REACH (cu. yds)

TOTAL
969
-1737
-2155
-1185
-1098
-1305
12