

CLIENT- FEMA
PROJECT-RUNUP2 transect: CM-141

** WAVE RUNUP-VERSION 2.0 **

ENGINEERED BY sjh

JOB job 2
RUN 1 PAGE 1

CROSS SECTION PROFILE

| | LENGTH | ELEV. | SLOPE | ROUGHNESS |
|----|------------|-------|----------------|-----------|
| 1 | -914.0 | -22.3 | | |
| 2 | -856.0 | -15.5 | .00 | .80 |
| 3 | -838.0 | -14.0 | 12.00 | .80 |
| 4 | -728.0 | -14.0 | FLAT | .80 |
| 5 | -702.0 | -12.7 | 20.00 | .80 |
| 6 | -700.2 | -4.1 | .21 | .80 |
| 7 | -616.2 | -4.1 | FLAT | .80 |
| 8 | -588.2 | -4.0 | 147.37 | .80 |
| 9 | -268.2 | -3.9 | FLAT | .80 |
| 10 | -266.2 | -3.8 | 12.50 | .80 |
| 11 | -94.2 | -3.8 | FLAT | .80 |
| 12 | -66.2 | -3.0 | 36.84 | .80 |
| 13 | -42.2 | -3.0 | FLAT | .80 |
| 14 | 11.8 | .9 | 13.71 | .80 |
| 15 | 27.8 | 3.4 | 6.48 | .80 |
| 16 | 45.8 | 7.1 | 4.80 | .80 |
| 17 | 67.8 | 10.1 | 7.56 | .80 |
| 18 | 77.8 | 12.9 | 3.55 | .80 |
| 19 | 97.8 | 22.5 | 2.07 | .80 |
| 20 | 123.8 | 40.0 | 1.49 | .80 |
| | LAST SLOPE | 1.00 | LAST ROUGHNESS | .80 |

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OUTPUT TABLE

| INPUT PARAMETERS | | | RUNUP RESULTS | | | |
|-------------------------------------|------------------------------------|-----------------------|--------------------------|-----------------------|-------------------------------------|---------------------------|
| ----- | | | ----- | | | |
| WATER LEVEL ABOVE DATUM (FT.) | DEEP WATER WAVE HEIGHT (FT.) | WAVE PERIOD (SEC.) | BREAKING SLOPE NUMBER | RUNUP SLOPE NUMBER | RUNUP ABOVE WATER LEVEL (FT.) | BREAKER DEPTH (FT.) |
| 8.80 | 7.06 | 12.18 | 6 | 16 | .68 | 13.85 |
| 8.80 | 7.06 | 12.82 | 6 | 16 | .73 | 14.15 |
| 8.80 | 7.06 | 13.46 | 6 | 16 | .79 | 14.46 |
| 8.80 | 7.43 | 12.18 | 6 | 16 | .71 | 14.42 |
| 8.80 | 7.43 | 12.82 | 6 | 16 | .77 | 14.73 |
| 8.80 | 7.43 | 13.46 | 6 | 16 | .86 | 15.04 |
| 8.80 | 7.81 | 12.18 | 6 | 16 | .69 | 15.01 |
| 8.80 | 7.81 | 12.82 | 6 | 16 | .75 | 15.33 |
| 8.80 | 7.81 | 13.46 | 6 | 16 | .81 | 15.64 |