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Appendix H
Survey Data

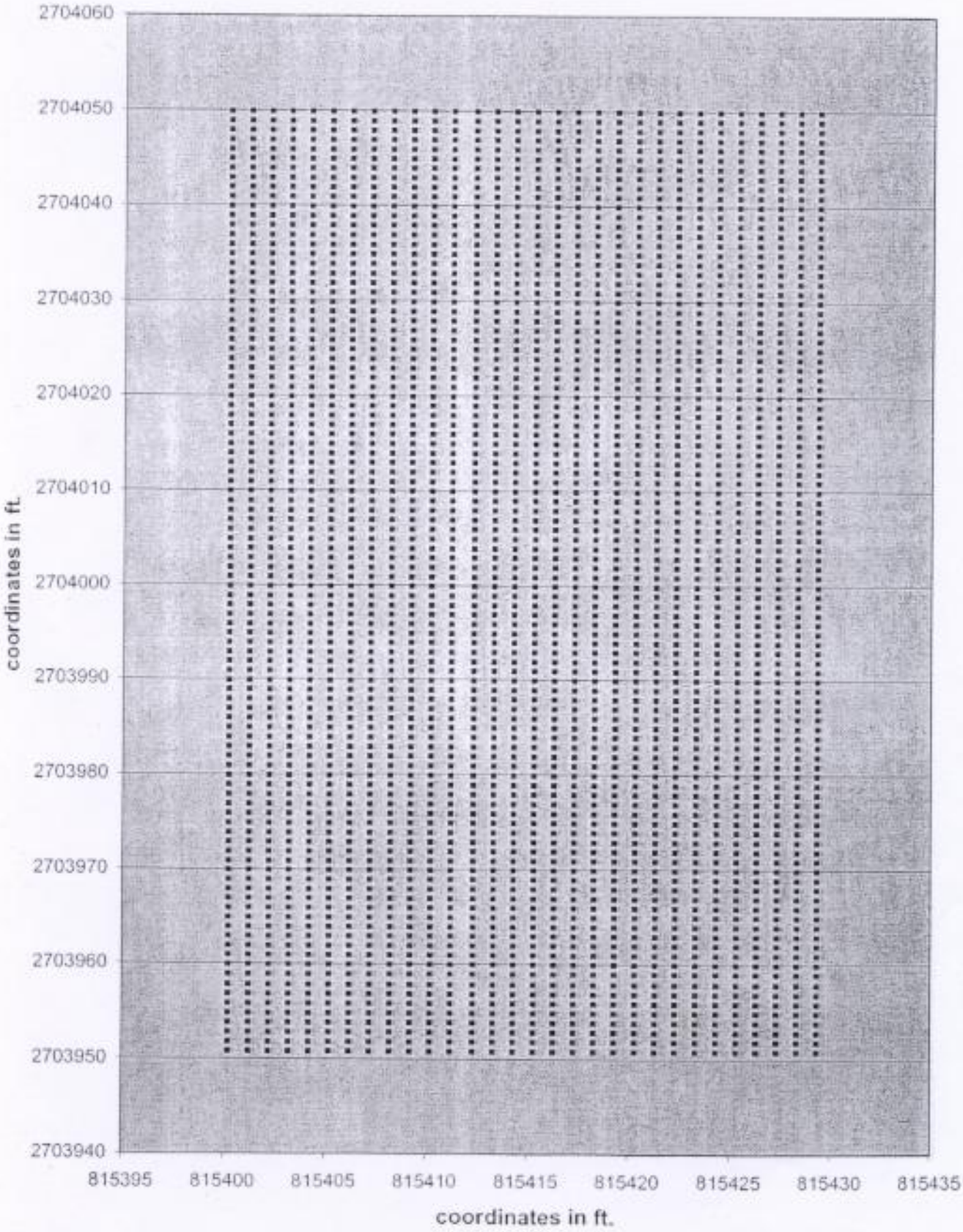
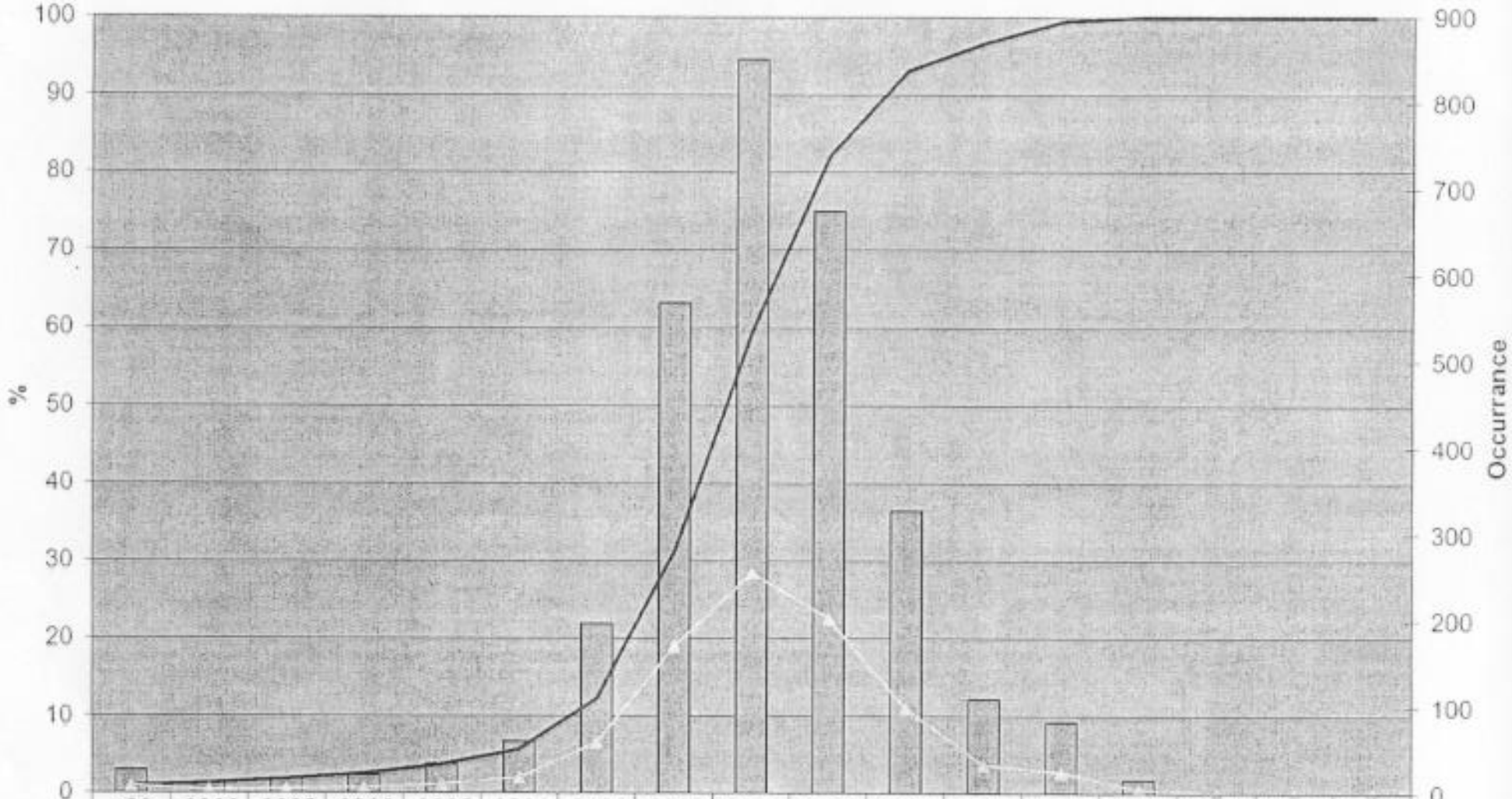

New Bedford Dredge Test
Cut 6
DTM datapoints used for accuracy evaluation
2704060
2704050
2704040
2704030
2704020
2704010
2704000
2703990
2703980
2703970
2703960
2703950
2703940
coordinates in ft.
815395
815400
815405
815410
815415
815420
815425
815430
815435
coordinates in ft.

FIGURE H-1

New Bedford Dredge Test

Dredging Accuracy Evalaution - Cut 6 (including slopes)



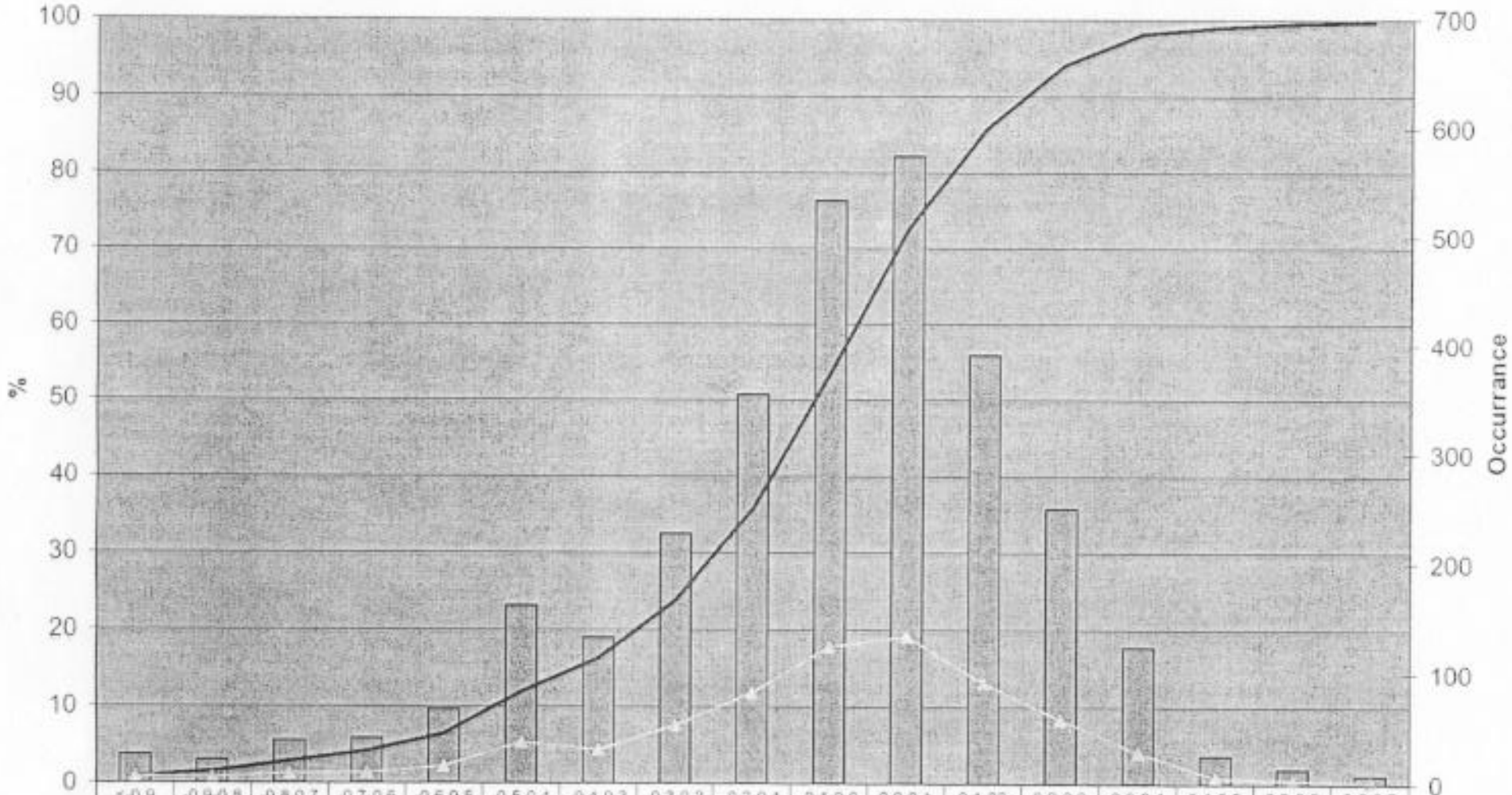
	<-0.9	-0.9-0.8	-0.8-0.7	-0.7-0.6	-0.6-0.5	-0.5-0.4	-0.4-0.3	-0.3-0.2	-0.2-0.1	-0.1-0.0	0.0-0.1	0.1-02	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.6	0.6-0.7
Occurance	27	12	17	21	34	60	197	569	851	675	328	110	83	16	0	0	0
Cumulative %	1	1	2	3	4	6	12	31	60	82	93	97	99	100	100	100	100
freq %	0.9	0.4	0.6	0.7	1.1	2.0	6.6	19.0	28.4	22.5	10.9	3.7	2.8	0.5	-	-	-

Deviation from target elevation per 0.1 feet

(negative is a higher level, positive is a lower level)

FIGURE H-2

New Bedford Dredge Test
Dredging Accuracy Evaluation Cut 7 (including slopes)

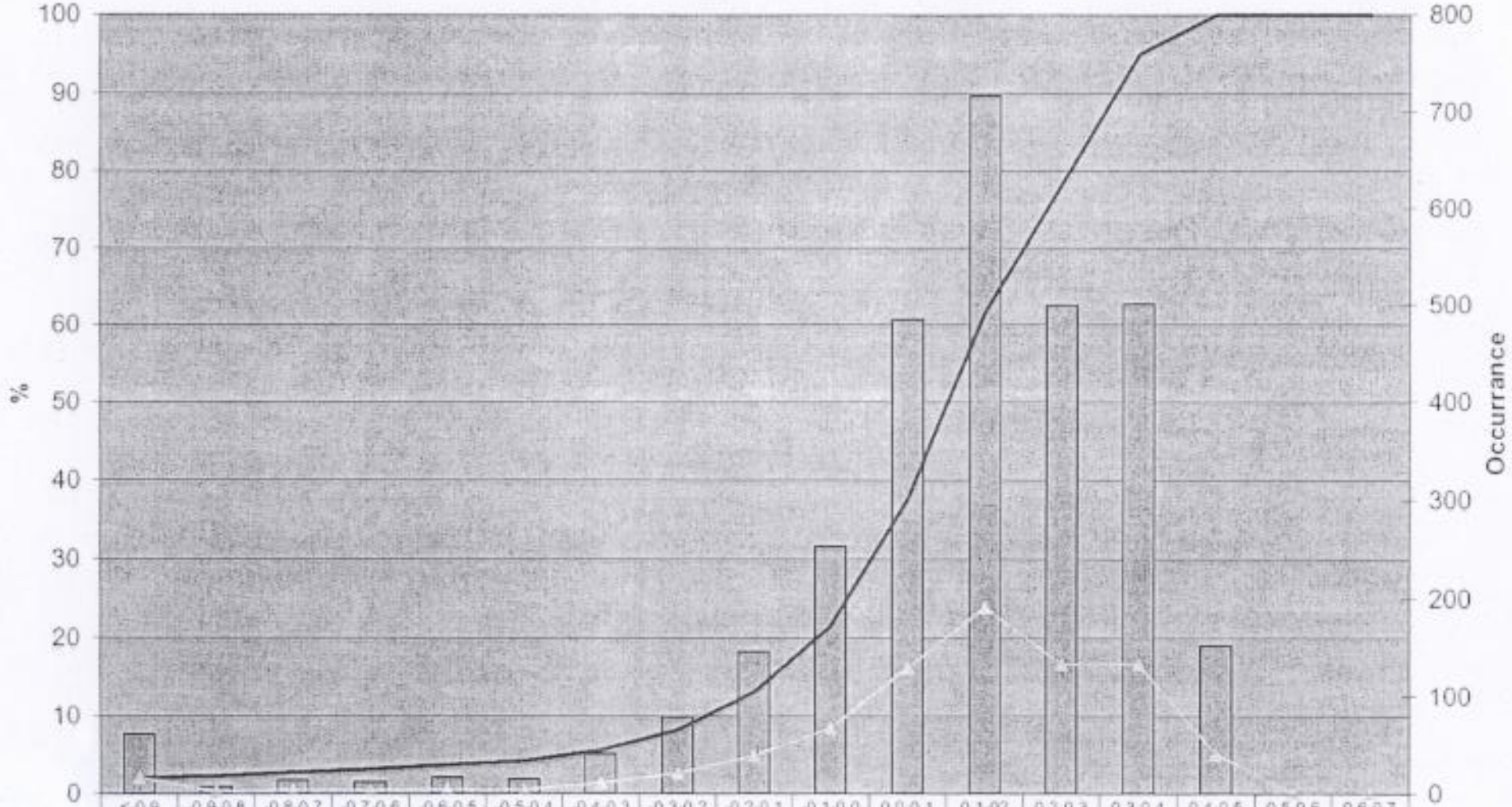


	<-0.9	-0.9-0.8	-0.8-0.7	-0.7-0.6	-0.6-0.5	-0.5-0.4	-0.4-0.3	-0.3-0.2	-0.2-0.1	-0.1-0.0	0.0-0.1	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.6	0.6-0.7
Occurance	26	21	39	41	67	162	133	227	354	534	575	391	250	124	26	14	8
Cumulative %	1	2	3	4	6	12	16	24	36	53	73	86	94	98	99	99	100
freq %	1	1	1	1	2	5	4	8	12	18	19	13	8	4	1	0	0

Deviation from target elevation per 0.1 feet
(negative is a higher level, positive is alower level)

FIGURE H-3

New Bedford Dredge Test
Dredging Accuracy Evaluation Cut 8 (including slopes)

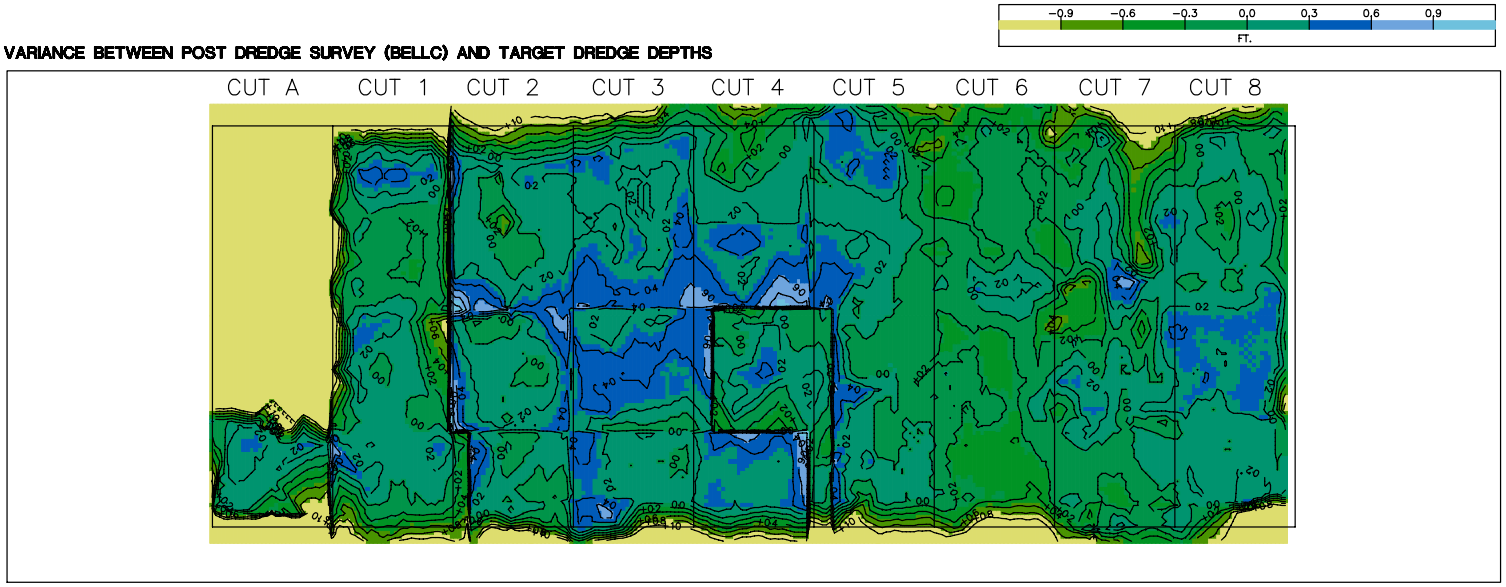


	<-0.9	-0.9-0.8	-0.8-0.7	-0.7-0.6	-0.6-0.5	-0.5-0.4	-0.4-0.3	-0.3-0.2	-0.2-0.1	-0.1-0.0	0.0-0.1	0.1-02	0.2-0.3	0.3-0.4	0.4-0.5	0.5-0.6	0.6-0.7
Occurance	61	7	14	12	17	15	41	79	146	253	485	717	500	501	152	0	0
Cumulative %	2	2	3	3	4	4	6	8	13	22	38	62	76	95	100	100	100
freq %	2	0	0	0	1	1	1	3	5	8	16	24	17	17	5	0	0

Deviation of target elevation per 0.1 feet
(negative is a higher level, positive is a lower level)

FIGURE H-4

VARIANCE BETWEEN POST DREDGE SURVEY (BELLC) AND TARGET DREDGE DEPTHS



0 30 60
SCALE IN FEET

FOSTER WHEELER
FOSTER WHEELER ENVIRONMENTAL CORPORATION
100 FEDERAL STREET, BOSTON, MASSACHUSETTS 02110

BEAN ENVIRONMENTAL, L.L.C.
ST. CHARLES AVE., SUITE 500
NEW ORLEANS, LA 70130

FIGURE H-5

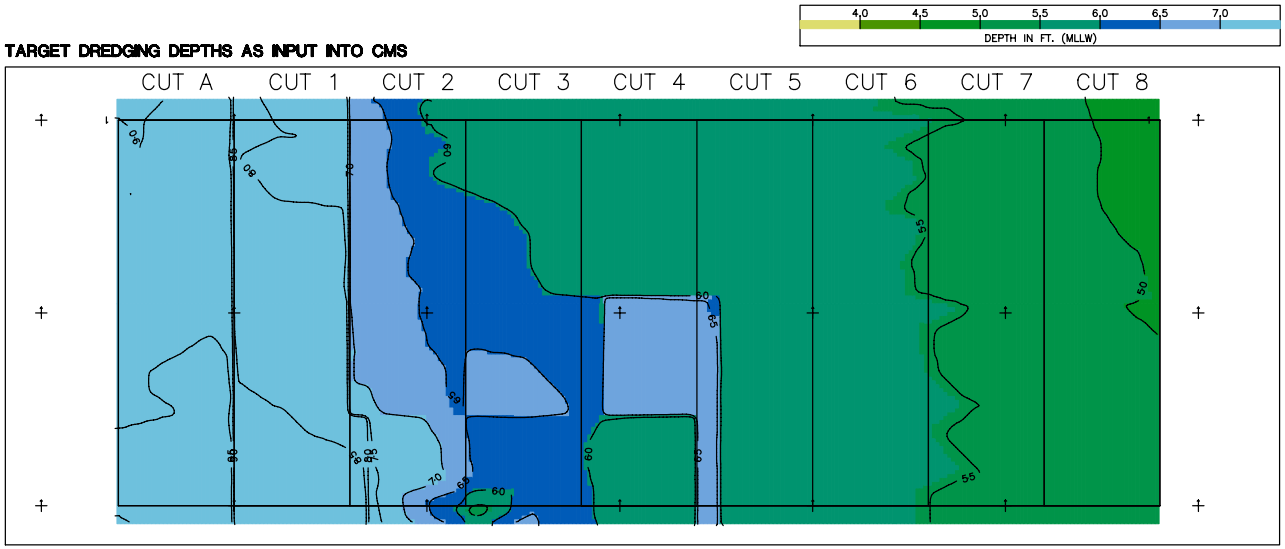
NEW BEDFORD HARBOR SUPERFUND SITE
NEW BEDFORD, MASSACHUSETTS

VARIANCE BETWEEN
POST DREDGE SURVEY (BELLC)
AND TARGET DREDGE DEPTHS

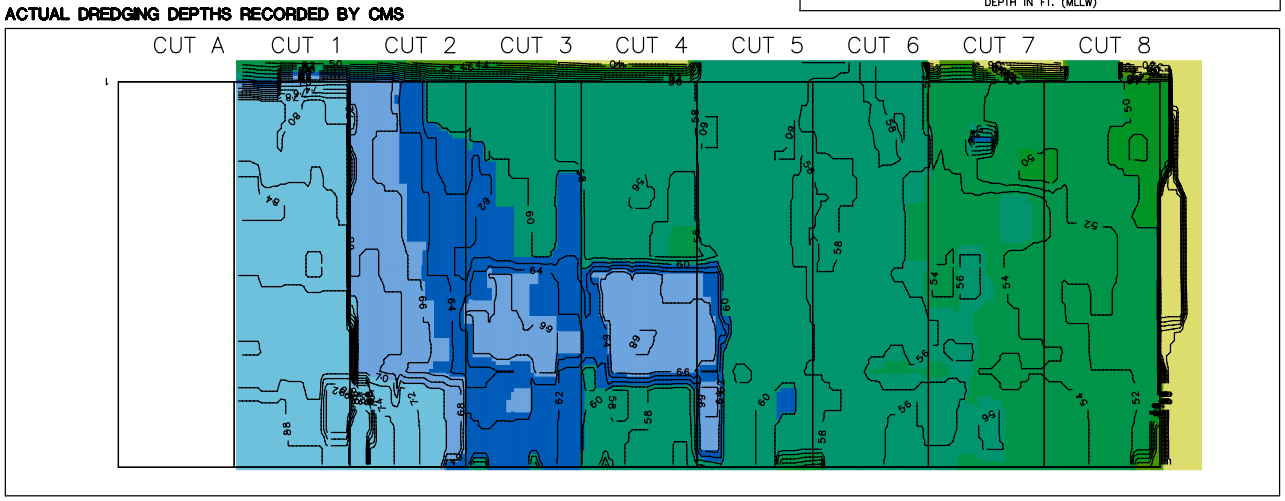
SCALE: AS SHOWN

CAD FILE: 29088db011A-1.DWG

TARGET DREDGING DEPTHS AS INPUT INTO CMS



ACTUAL DREDGING DEPTHS RECORDED BY CMS



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ST. CHARLES AVE., SUITE 500
NEW ORLEANS, LA 70130

0 30 60
SCALE IN FEET

FIGURE H-6

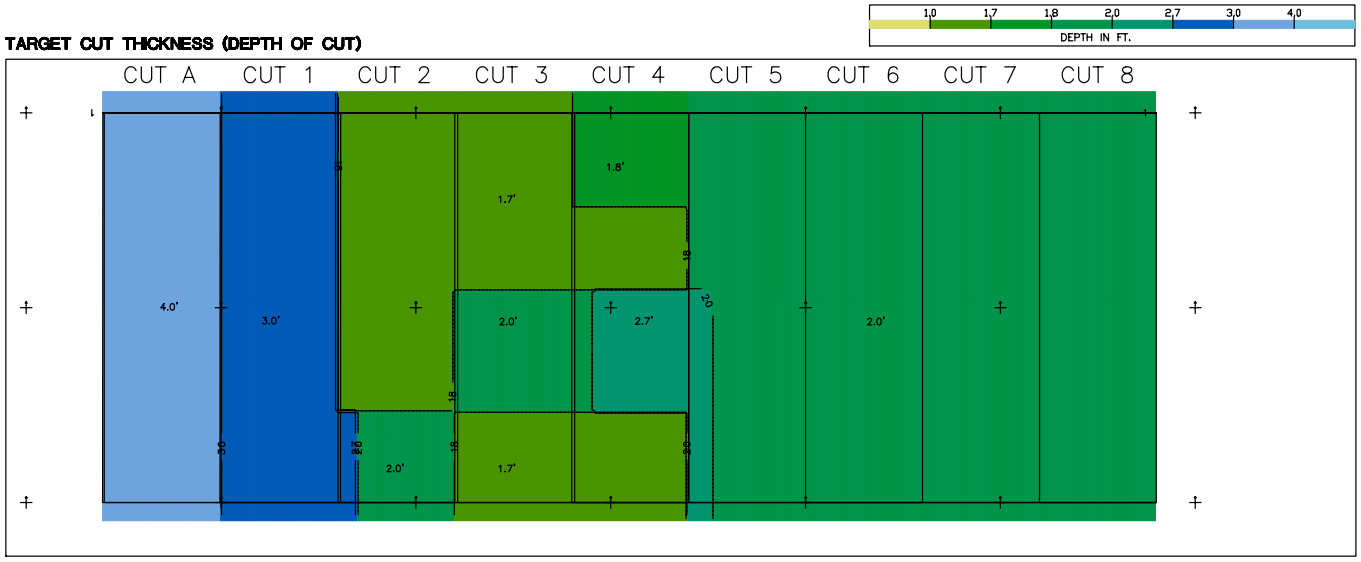
NEW BEDFORD HARBOR SUPERFUND SITE
NEW BEDFORD, MASSACHUSETTS

DREDGE RESULTS AS LOGGED BY CMS

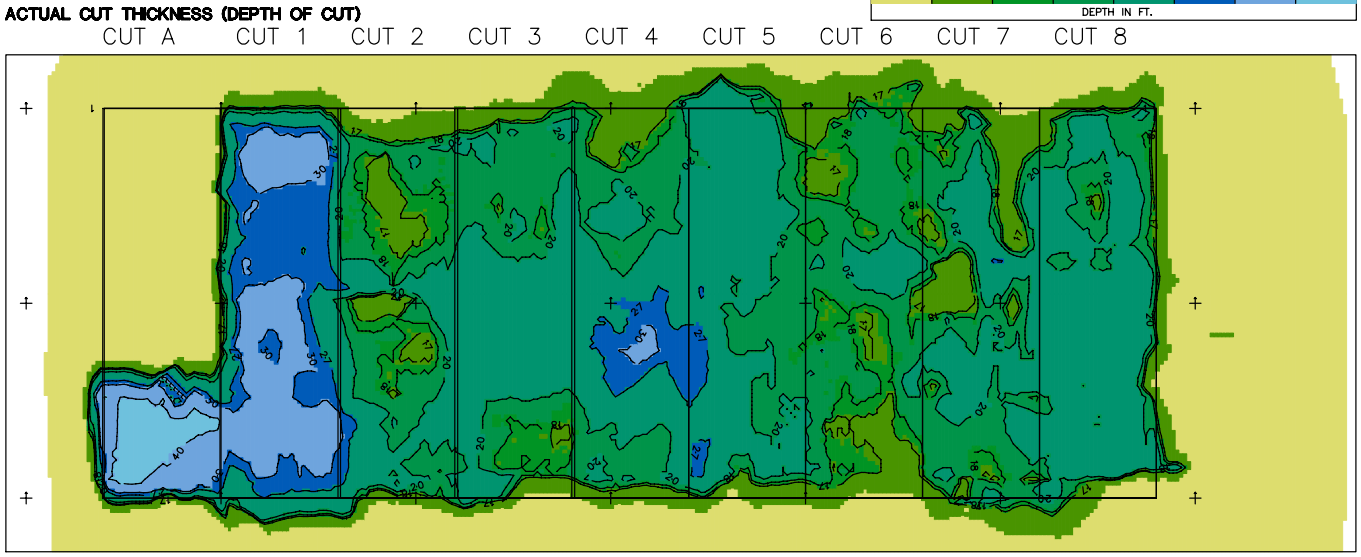
SCALE: AS SHOWN

CAD FILE: 29088db009A-1.DWG

TARGET CUT THICKNESS (DEPTH OF CUT)



ACTUAL CUT THICKNESS (DEPTH OF CUT)



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0 30 60
SCALE IN FEET

FIGURE H-7

NEW BEDFORD HARBOR SUPERFUND SITE
NEW BEDFORD, MASSACHUSETTS

DEPTH OF CUT DREDGED BASED ON POST DREDGE SURVEY (BELLC)

SCALE: AS SHOWN

CAD FILE: 29088db006A-1.DWG

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