

Tabla 5.4.12 Volumen de Dragado para Río Grande

plannd bed level — 10.2 m

Section No.	Distance(km)	Area(m2)	Average Area(m2)	Length(km)	Volume(m3)
0	0	0	0	48	0
1	48	0	0	2	0
2	50	0	0	2	0
3	52	0	0	2	0
4	54	0	0	2	0
5	56	0	0	2	0
6	58	0	0	4	0
7	62	0	0	2	0
8	64	0	0	2	0
9	66	0	0	2	0
10	68	0	0	2	0
11	70	0	0	2	0
12	72	0	0	2	0
13	74	0	0	2	0
14	76	0	0	2	0
15	78	0	0	2	0
16	80	0	0	2	0
17	82	0	0	2	0
18	84	0	0	2	0
19	86	0	0	2	0
20	88	0	0	2	0
21	90	0	0	2	0
22	92	0	0	2	0
23	94	0	0	2	0
24	96	0	0	2	0
25	98	0	0	2	0
26	100	0	0	2	0
27	102	0	0	2	0
28	104	0	0	2	0
29	106	0	0	2	0
30	108	0	0	2	0
31	110	0	0	2	0
32	112	0	0	2	0
33	114	0	0	2	0
34	116	0	0	2	0
35	118	0	0	2	0
36	120	0	0	2	0
37	122	0	0	2	0
38	124	0	0	2	0
39	126	0	0	2	0
40	128	0			

Total Vol. 0 m³

-10.2m

Section No.	Distance(km)	Area(m2)	Average Area(m2)	Length(km)	Volume(m3)
41	128	0	0	2	0
42	130	0	0	2	0
43	132	0	0	2	0
44	134	0	0	2	0
45	136	0	0	2	0
46	138	0	0	2	0
47	140	0	0	2	0
48	142	0	0	2	0
49	144	0	0	2	0
50	146	0	0	2	0
51	148	0	0	2	0
52	150	0	0	2	0
53	152	0	0	2	0
54	154	0	0	2	0
55	156	0	0	2	0
56	158	0	0	2	0
57	160	0	0	2	0
58	162	0	0	2	0
59	164	0	0	2	0
60	166	0	0	2	0
61	168	0	0	2	0
62	170	0	0	2	0
63	172	0	0	2	0
64	174	0	0	2	0
65	176	0	0	2	0
66	178	0	0	2	0
67	180	0	0	2	0
68	182	0	0	2	0
69	184	0	0	2	0
70	186	0	0	2	0
71	188	0	0	2	0
72	190	0	0	2	0
73	192	0	0	2	0
74	194	0	0	2	0
75	196	0	0	2	0
76	198	0	0	2	0
77	200	0	0	2	0
78	202	0	0	2	0
79	204	0	0	2	0
80	206	0			

Total Vol. 0 m³

-10.2m

Section No.	Distance(km)	Area(m2)	Average Area(m2)	Length(km)	Volume(m3)
81	208	0	0	4	0
82	212	0	0	4	0
83	216	0	0	4	0
84	220	0	0	4	0
85	224	0	0	4	0
86	228	0	0	4	0
87	232	0	0	4	0
88	236	0	0	4	0
89	240	0	0	4	0
90	244	0	0	4	0
91	248	0	0	4	0
92	252	0	-57.7799395	4	-231119.758
93	256	-115.56	-57.7799395	4	-231119.758
94	260	0	0	4	0
95	264	0	0	4	0
96	268	0	-77.57827582	4	-310313.1033
97	272	-155.157	-77.57827582	4	-310313.1033
98	276	0	0	4	0
99	280	0	0	4	0
100	284	0	0	4	0
101	288	0	0	4	0
102	292	0	0	4	0
103	296	0	0	4	0
104	300	0	0	4	0
105	304	0	0	4	0
106	308	0	0	4	0
107	312	0	0	4	0
108	316	0	0	4	0
109	320	0	0	4	0
110	324	0	0	4	0
111	328	0	0	4	0
112	332	0	0	4	0

Total Vol. -1082865.723 m³

1 0

2 0

3 -1082865.723

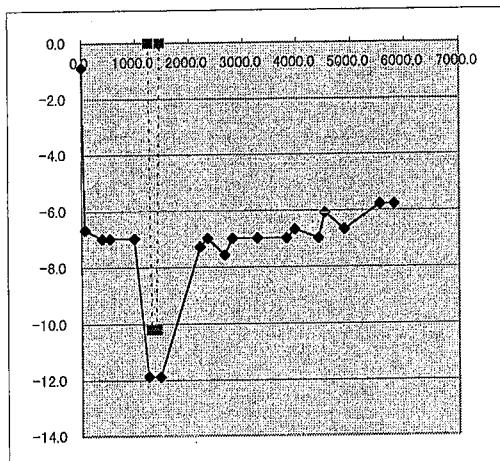
Total Vol.	1-3	-1082865.723 m ³
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2.4 Desglose del Costo de Instalaciones Portuarias

Planned Bed Level -10.2 m

x	y
0.0	-0.9
60.0	-6.7
380.0	-7.0
520.0	-7.0
980.0	-7.0
1240.0	-11.9
1460.0	-11.9
2200.0	-7.3
2340.0	-7.0
2660.0	-7.6
2800.0	-7.0
3260.0	-7.0
3810.0	-7.0
3960.0	-6.7
4400.0	-7.0
4520.0	-6.1
4880.0	-6.7
5540.0	-5.8
5800.0	-5.8
6240.0	-5.7
6760.0	-4.6
7020.0	-4.6
11080.0	-0.9

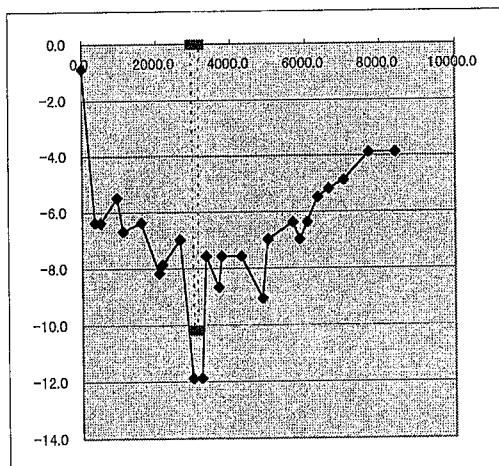
xd	yd
1238.8	0
1300	-10.2
1390	-10.2
1451.2	0

[illegible]

Section 2 50

x	y
0.0	-0.9
340.0	-6.4
490.0	-6.4
940.0	-5.5
1100.0	-6.7
1580.0	-6.4
2060.0	-8.2
2160.0	-7.9
2630.0	-7.0
2960.0	-11.9
3200.0	-11.9
3320.0	-7.6
3660.0	-8.7
3740.0	-7.6
4260.0	-7.6
4840.0	-9.1
4980.0	-7.0
5660.0	-6.4
5840.0	-7.0
6040.0	-6.4
6320.0	-5.5
6620.0	-5.2
7020.0	-4.9
7700.0	-3.9
8400.0	-3.9
9040	-3.568
10880	-0.868

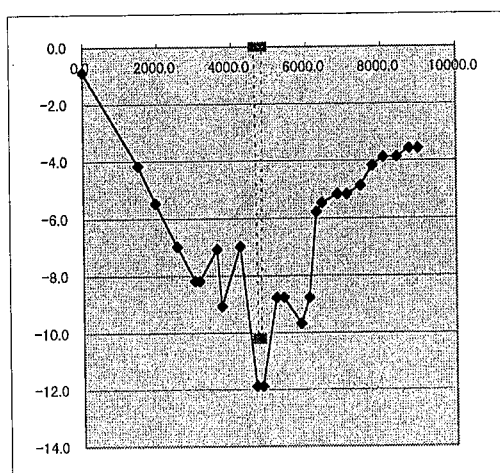
xd	yd
2938.8	0
3000	-10.2
3090	-10.2
3151.2	0

[illegible]

Section 3 52

x	y
0.0	-0.9
1480.0	-4.2
1940.0	-5.5
2520.0	-7.0
3000.0	-8.2
3120.0	-8.2
3590.0	-7.1
3720.0	-9.1
4210.0	-7.0
4640.0	-11.9
4800.0	-11.9
5180.0	-8.8
5380.0	-8.8
5840.0	-9.7
6060.0	-8.8
6260.0	-5.8
6400.0	-5.5
6820.0	-5.2
7060.0	-5.2
7440.0	-4.9
7760.0	-4.2
8060.0	-3.9
8420.0	-3.9
8740.0	-3.6
8980.0	-3.6
11080	-0.868

xd	yd
4618.8	0
4680	-10.2
4770	-10.2
4831.2	0

[illegible]

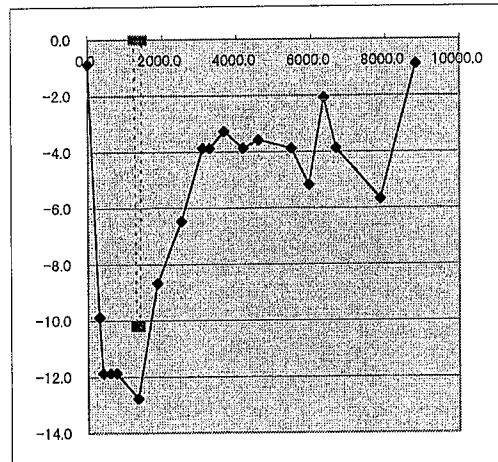
x	y	A1	A2
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		Area	
		0	0

[illegible][illegible]

[illegible][illegible][illegible]

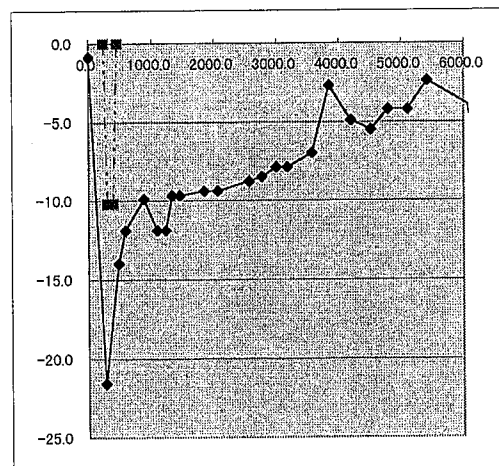
x	y
0.0	-0.9
300.0	-9.9
400.0	-11.9
600.0	-11.9
760.0	-11.9
1340.0	-12.8
1860.0	-8.7
2500.0	-6.5
3080.0	-3.9
3260.0	-3.9
3660.0	-3.3
4180.0	-3.9
4580.0	-3.6
5480.0	-3.9
5940.0	-5.2
6350.0	-2.1
6680.0	-3.9
7860.0	-5.7
8820.0	-0.9

xd	yd
1238.8	0
1300	-10.2
1390	-10.2
1451.2	0

[illegible]

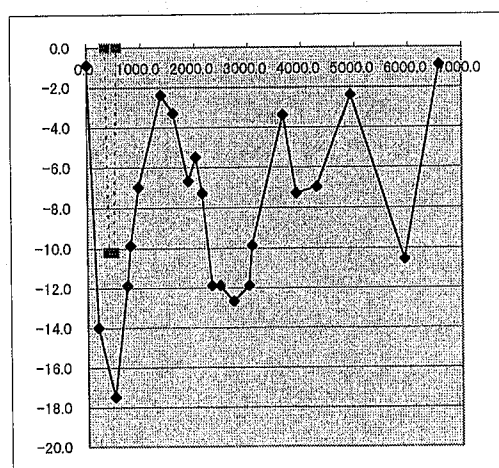
x	y
0.0	-0.9
270.0	-21.6
480.0	-14.0
580.0	-11.9
880.0	-9.9
1090.0	-11.9
1230.0	-11.9
1330.0	-9.7
1450.0	-9.7
1840.0	-9.4
2060.0	-9.4
2560.0	-8.8
2770.0	-8.5
3000.0	-7.9
3180.0	-7.9
3570.0	-7.0
3840.0	-2.7
4190.0	-4.9
4510.0	-5.5
4790.0	-4.2
5100.0	-4.2
5420.0	-2.4
6060.0	-3.9
6380.0	-10.6
6710.0	-15.7
7340	-2.668

xd	yd
238.8	0
300	-10.2
390	-10.2
451.2	0

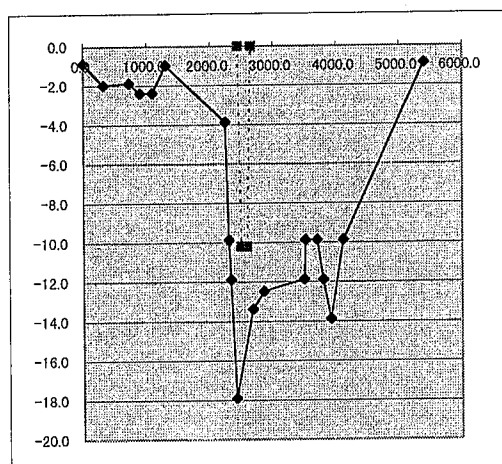
[illegible]

x	y
0.0	-0.9
200.0	-14.0
500.0	-17.5
740.0	-11.9
800.0	-9.9
950.0	-7.0
1380.0	-2.4
1600.0	-3.3
1880.0	-6.7
2020.0	-5.5
2140.0	-7.3
2320.0	-11.9
2470.0	-11.9
2720.0	-12.7
3010.0	-11.9
3070.0	-9.9
3660.0	-3.4
3900.0	-7.3
4280.0	-7.0
4920.0	-2.4
5920.0	-10.6
6580.0	-0.9

xd	yd
338.8	0
400	-10.2
490	-10.2
551.2	0

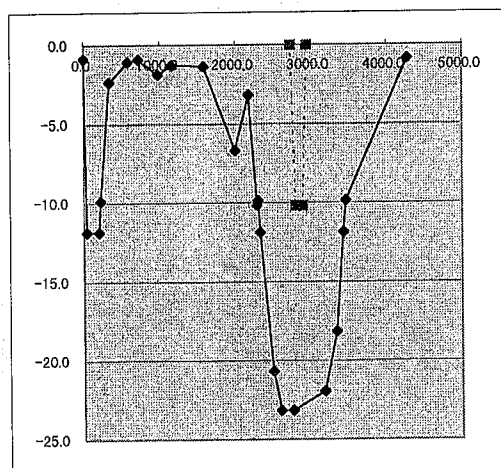
[illegible]

xd	yd
2438.8	0
2500	-10.2
2590	-10.2
2651.2	0

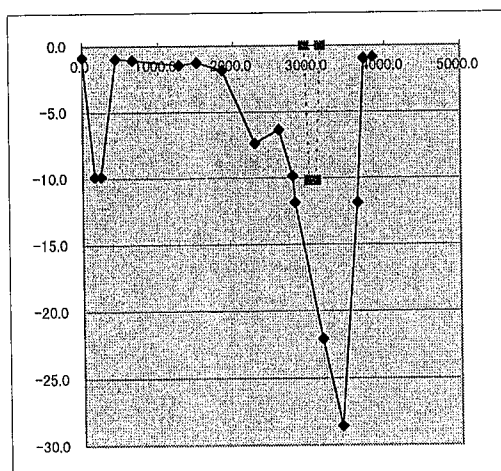


x	y	A1	A2
		0	
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	Area
		0	0

xd	yd
2738.8	0
2800	-10.2
2890	-10.2
2951.2	0

[illegible]

xd	yd
2938.8	0
3000	-10.2
3090	-10.2
3151.2	0



x	y	A1	A2
		0	
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		0	0
		Area	
		0	0

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