

**APPENDIX C**  
**LEVEL OF PROTECTION PROVIDED BY EXISTING LEVEE SYSTEM**

		Levee elevation meets/exceeds the following standards:		
		<u>HMP</u>	<u>PL 84-99</u>	<u>USACE</u>
NAVD 88		(elev. 10.4)	(elev. 10.9)	(elev. 12.4)
NGVD 29		(elev. 8.0)	(elev. 8.5)	(elev. 10.0)
0 + 00	- 5 + 00	X	X	X
5 + 00	- 10 + 00	X	X	X
10 + 00	- 15 + 00	X	X	X
15 + 00	- 20 + 00	X	X	
20 + 00	- 25 + 00	X	X	
25 + 00	- 30 + 00	X	X	
30 + 00	- 35 + 00	X	X	
35 + 00	- 40 + 00	X	X	X
40 + 00	- 45 + 00	X	X	X
45 + 00	- 50 + 00	X	X	X
50 + 00	- 55 + 00	X	X	X
55 + 00	- 60 + 00	X	X	X
60 + 00	- 65 + 00	X	X	X
65 + 00	- 70 + 00	X	X	X
70 + 00	- 75 + 00	X	X	X
75 + 00	- 80 + 00	X	X	X
80 + 00	- 85 + 00	X	X	X
85 + 00	- 90 + 00	X	X	X
90 + 00	- 95 + 00	X	X	X
95 + 00	- 100 + 00	X	X	X
100 + 00	- 105 + 00	X	X	X
105 + 00	- 110 + 00	X	X	X
110 + 00	- 115 + 00	X	X	X
115 + 00	- 120 + 00	X	X	X
120 + 00	- 125 + 00	X	X	X
125 + 00	- 130 + 00	X	X	X
130 + 00	- 135 + 00	X	X	X
135 + 00	- 140 + 00	X	X	X
140 + 00	- 145 + 00	X	X	X
145 + 00	- 150 + 00	X	X	X
150 + 00	- 155 + 00	X	X	X
155 + 00	- 160 + 00	X	X	X
160 + 00	- 165 + 00	X	X	X
165 + 00	- 170 + 00	X	X	X
170 + 00	- 175 + 00	X	X	X

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		(elev. 10.4)	(elev. 10.9)	(elev. 12.4)
NAVD 88	NGVD 29	(elev. 8.0)	(elev. 8.5)	(elev. 10.0)
175 + 00 -	180 + 00	X	X	X
180 + 00 -	185 + 00	X	X	X
185 + 00 -	190 + 00	X	X	X
190 + 00 -	195 + 00	X	X	X
195 + 00 -	200 + 00	X	X	X
200 + 00 -	205 + 00	X	X	X
205 + 00 -	210 + 00	X	X	X
210 + 00 -	215 + 00	X	X	X
215 + 00 -	220 + 00	X	X	X
220 + 00 -	225 + 00	X	X	X
225 + 00 -	230 + 00	X	X	X
230 + 00 -	235 + 00	X	X	X
235 + 00 -	240 + 00	X	X	X
240 + 00 -	245 + 00	X	X	X
245 + 00 -	250 + 00	X	X	X
250 + 00 -	255 + 00	X	X	X
255 + 00 -	260 + 00	X	X	X
260 + 00 -	265 + 00	X	X	X
265 + 00 -	270 + 00	X	X	X
270 + 00 -	275 + 00	X	X	X
275 + 00 -	280 + 00	X	X	X
280 + 00 -	285 + 00	X	X	X
285 + 00 -	290 + 00	X	X	X
290 + 00 -	295 + 00	X	X	X
295 + 00 -	300 + 00	X	X	X
300 + 00 -	305 + 00	X	X	X
305 + 00 -	310 + 00	X	X	X
310 + 00 -	315 + 00	X	X	X
315 + 00 -	320 + 00	X	X	X
320 + 00 -	325 + 00	X	X	X
325 + 00 -	330 + 00	X	X	X
330 + 00 -	335 + 00	X		
335 + 00 -	340 + 00	X		
340 + 00 -	345 + 00	X	X	
345 + 00 -	350 + 00			

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		<u>HMP</u>	<u>PL 84-99</u>	<u>USACE</u>
		(elev. 10.4)	(elev. 10.9)	(elev. 12.4)
		(elev. 8.0)	(elev. 8.5)	(elev. 10.0)
NAVD 88	NGVD 29			
350 + 00	- 355 + 00	X		
355 + 00	- 360 + 00	X	X	
360 + 00	- 365 + 00	X	X	X
365 + 00	- 370 + 00	X	X	
370 + 00	- 375 + 00	X	X	
375 + 00	- 380 + 00	X		
380 + 00	- 385 + 00	X	X	
385 + 00	- 390 + 00	X		
390 + 00	- 395 + 00	X		
395 + 00	- 400 + 00	X		
400 + 00	- 405 + 00	X	X	
405 + 00	- 410 + 00	X		
410 + 00	- 415 + 00	X		
415 + 00	- 420 + 00			
420 + 00	- 425 + 00	X		
425 + 00	- 430 + 00	X	X	
430 + 00	- 435 + 00	X	X	
435 + 00	- 440 + 00	X		
440 + 00	- 445 + 00			
445 + 00	- 450 + 00			
450 + 00	- 455 + 00	X		
455 + 00	- 460 + 00	X		
460 + 00	- 465 + 00	X		
465 + 00	- 470 + 00	X		
470 + 00	- 475 + 00	X	X	
475 + 00	- 480 + 00	X		
480 + 00	- 485 + 00	X	X	
485 + 00	- 490 + 00	X	X	
490 + 00	- 495 + 00			
495 + 00	- 500 + 00			
500 + 00	- 505 + 00	X		
505 + 00	- 510 + 00	X		
510 + 00	- 515 + 00	X	X	
515 + 00	- 520 + 00	X	X	
520 + 00	- 525 + 00			

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		Levee elevation meets/exceeds the following standards:		
		<u>HMP</u>	<u>PL 84-99</u>	<u>USACE</u>
		(elev. 10.4)	(elev. 10.9)	(elev. 12.4)
NAVD 88		(elev. 8.0)	(elev. 8.5)	(elev. 10.0)
NGVD 29				
525 + 00	- 530 + 00			
530 + 00	- 535 + 00			
535 + 00	- 540 + 00 <sup>1</sup>	X	X	
540 + 00	- 545 + 00 <sup>1</sup>	X	X	
545 + 00	- 550 + 00 <sup>2</sup>	X	X	
550 + 00	- 555 + 00 <sup>2</sup>	X	X	
555 + 00	- 560 + 00 <sup>2</sup>	X	X	
560 + 00	- 565 + 00 <sup>2</sup>	X	X	
565 + 00	- 570 + 00 <sup>2</sup>	X	X	
570 + 00	- 575 + 00 <sup>2</sup>	X	X	
575 + 00	- 580 + 00 <sup>2</sup>	X	X	
580 + 00	- 585 + 00 <sup>2</sup>	X	X	
585 + 00	- 590 + 00 <sup>2</sup>	X	X	
590 + 00	- 595 + 00 <sup>2</sup>	X	X	
595 + 00	- 600 + 00 <sup>2</sup>	X	X	
600 + 00	- 605 + 00 <sup>3</sup>	X		
605 + 00	- 610 + 00 <sup>3</sup>	X		
610 + 00	- 615 + 00 <sup>3</sup>	X	X	
615 + 00	- 620 + 00 <sup>3</sup>	X	X	
620 + 00	- 625 + 00 <sup>3</sup>	X	X	
625 + 00	- 630 + 00 <sup>3</sup>	X	X	
630 + 00	- 635 + 00 <sup>3</sup>	X	X	
635 + 00	- 640 + 00 <sup>3</sup>	X		
640 + 00	- 645 + 00 <sup>3</sup>	X		
645 + 00	- 650 + 00 <sup>3</sup>	X		
650 + 00	- 655 + 00 <sup>3</sup>	X		
655 + 00	- 660 + 00 <sup>3</sup>	X	X	
660 + 00	- 665 + 00 <sup>3</sup>	X		
665 + 00	- 670 + 00 <sup>3</sup>	X		
670 + 00	- 675 + 00 <sup>3</sup>	X		
675 + 00	- 680 + 00 <sup>3</sup>	X		
680 + 00	- 685 + 00 <sup>3</sup>	X		
685 + 00	- 690 + 00 <sup>3</sup>	X		
690 + 00	- 695 + 00 <sup>3</sup>	X		
695 + 00	- 700 + 00	X	X	

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		(elev. 10.4)	(elev. 10.9)	(elev. 12.4)
NAVD 88	NGVD 29	(elev. 8.0)	(elev. 8.5)	(elev. 10.0)
700 + 00 -	705 + 00	X	X	X
705 + 00 -	710 + 00	X	X	
710 + 00 -	715 + 00	X	X	X
715 + 00 -	720 + 00	X	X	X
720 + 00 -	725 + 00	X	X	X
725 + 00 -	730 + 00	X	X	X
730 + 00 -	735 + 00	X	X	
735 + 00 -	740 + 00	X	X	X
740 + 00 -	745 + 00	X	X	X
745 + 00 -	750 + 00	X	X	X
750 + 00 -	755 + 00	X	X	X
755 + 00 -	760 + 00	X	X	X
760 + 00 -	765 + 00	X	X	X
765 + 00 -	770 + 00	X	X	X
770 + 00 -	775 + 00	X	X	X
775 + 00 -	780 + 00	X	X	X
780 + 00 -	785 + 00	X	X	X
785 + 00 -	790 + 00	X	X	X
790 + 00 -	795 + 00	X	X	X
795 + 00 -	800 + 00	X	X	X
800 + 00 -	805 + 00	X	X	X
805 + 00 -	810 + 00	X	X	X
810 + 00 -	815 + 00	X	X	X
815 + 00 -	820 + 00	X	X	X
820 + 00 -	825 + 00	X	X	X
825 + 00 -	830 + 00	X	X	X
830 + 00 -	835 + 00	X	X	X
835 + 00 -	840 + 00	X	X	X
840 + 00 -	845 + 00	X	X	X
845 + 00 -	850 + 00	X	X	X
850 + 00 -	855 + 00	X	X	X
855 + 00 -	860 + 00	X	X	X
860 + 00 -	865 + 00	X	X	X
865 + 00 -	870 + 00	X	X	X

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		<u>HMP</u>	<u>PL 84-99</u>	<u>USACE</u>
		(elev. 10.4)	(elev. 10.9)	(elev. 12.4)
NAVD 88	NGVD 29	(elev. 8.0)	(elev. 8.5)	(elev. 10.0)
870 + 00 -	875 + 00	X	X	X
875 + 00 -	880 + 00	X	X	X
880 + 00 -	885 + 00	X	X	X
885 + 00 -	890 + 00	X	X	X
890 + 00 -	895 + 00	X	X	X
895 + 00 -	900 + 00	X	X	X
900 + 00 -	905 + 00	X	X	X
905 + 00 -	910 + 00	X	X	X
910 + 00 -	915 + 00	X	X	X
915 + 00 -	920 + 00	X	X	X
920 + 00 -	925 + 00	X	X	X
925 + 00 -	930 + 00	X	X	X
930 + 00 -	935 + 00	X	X	X
935 + 00 -	940 + 00	X	X	X
940 + 00 -	945 + 00	X	X	X
945 + 00 -	950 + 00	X	X	X
950 + 00 -	955 + 00	X	X	X
955 + 00 -	960 + 00	X	X	X
960 + 00 -	965 + 00	X	X	X
965 + 00 -	970 + 00	X	X	X
970 + 00 -	975 + 00	X	X	X
975 + 00 -	980 + 00	X	X	X
980 + 00 -	985 + 00	X	X	X
985 + 00 -	990 + 00	X	X	X
990 + 00 -	995 + 00	X	X	X
995 + 00 -	1000 + 00	X	X	X
1000 + 00 -	1005 + 00	X	X	X
1005 + 00 -	1010 + 00	X	X	X
1010 + 00 -	1015 + 00	X	X	X
1015 + 00 -	1020 + 00	X	X	X
1020 + 00 -	1025 + 00	X	X	X
1025 + 00 -	1026 + 00	X	X	X

NOTES:

1. During 2008 construction, a landside berm adjacent to the levee crest was built to PL 84-99 elevation standard.
2. Construction in 2008 improved the levee to PL 84-99 elevation standard.
3. Subsequent to acquiring the 2005 survey data, the levee was improved to meet HMP elevation standard. A survey is scheduled for 2010 to update the levee crest elevation.