ANALYSIS OF VARIOUS INSURANCE COVERAGE LIMITS FLOOD INSURANCE EXCERPT

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									C2(e)			09/05/1984		Į.			arrier: Selective					O&M REQUIRED	O&M REQUIRED	O&M REQUIRE	o l			
as of:	04/24/2024						C2(a)	C2(b) ELEVATION	LOWEST ELEVATION	C2(f)		IRM PANEL	11		EXCESS CO	VERAGE (incumbe	ent carrier: Houston Sp (JSTF-ADJUS		rF-ADJUSTED)			BASED ON FEMA/NYS-DHSES	BASED ON FEMA/NYS-DHSES	BASED ON FEMA/NYS-DHSE	s			
JSTF Decilotion of	***** DRAFT *****	02/02/2024 IAC	02/02/2024 IAC	02/02/2024 IAC		NFIP ELEV			OF	LOWEST	HIGHEST	ZONE AO		LOOD ZONE	BUILDING/	BUILDING/ STRUCTURI			BUILDING/			DAMAGES RECEIVED	DAMAGES REC'D FOR BUILDING	DAMAGES REC			"EARMARKED" PORTION OF	
Building/ Structure		APPR. SOUND V. ARCH/ENG FEES		BUILDING	BELOW (NEXT HIGHEST	MACHINERY SERVICING	ADJACENT GRADE			ELEVATION on DATUM USED FI	n 09/05/1984 IRM PANEL	STRUCTURE NFIP BUILDING	NFIP CONTEN			TRUCTURE ESS CONTENTS		EXPIRES	FOR 06/28/2006ff	FOR 09/08/2011ff	FOR CONTENT FOR 09/08/2011		EXPIRES	EXCESS FLOOD	
No.	JSTF NAME OF BUILDING/STRUCTURE	ABOVE GRADE	ABOVE GRADE	BELOW GRADE	GRADE	? [YYMME	DD] FLOOR	FLOOR	BUILDING	(LAG)	(HAG) E	LEVATION	FOR BFE FI	LOOD MAP	INSURABLE CRN	INSURABLE C	INSURABLE	CRN	URABLE CRN	NFIP POLICY #	12:01AM	FLOOD DISASTER	FLOOD DISASTER	FLOOD DISASTE	POLICY #	12:01AM	POLICY LIMITS	COMMENTS
1	Administration & Maintenance Building	\$ 1,522,169.00	\$ 7,183,130.00			YES 09060			840.2 '	839.4 '	859.6 '		IGVD 1929 A	A12 & B	\$ 500,000		00 v \$ 8,207	910 \$	691,165	FLD2926581	210000	\$ 42,906.00	\$ 947,971.00	\$ 49,106.0) (not yet arranged/proc	red)	\$ -	! - need Excess Flood Coverage to satisfy O&M requirement
2	East Scrubber Building Sludge Thickener #2 & #3 Pumping Station	\$ 276,461.00 \$ 67,683.00	\$ 1,229,630.00 \$ 286,570.00	\$ 152,270.00 \$ 51,870.00		YES 20120 YES 20120			640.8 ' 819.9 '	838.9 ' 837.9 '	840.3 ' 840.8 '			A12 A12	\$ 500,000 \$ 500,000		00 √ \$ 1,360 00 ≠ \$ 220		1,770,610 165.088	FLD1354008 (none at present	210010	\$ 254,337.07	\$ 154,047.00 \$	\$ -	(not yet arranged/proci (not yet arranged/proci		\$ -	! - need Excess Flood Coverage to satisfy 0&M requirement ! - should procure [at least] an NFIP Policy
3A		\$ 21,587.00	\$ 24,490.00			NO	J 4 022.2	040.7	013.3	037.9	040.0	037.0	IOVD 1727	AIZ	300,000	* \$ 300,0	00 +	070	103,000	(none at present)	, -		Ψ -	(not yet arrangeurproce	ireay	, -	not a structure eligible for NFIP coverage
3B 3D	•	\$ 21,587.00 \$ 23,574.00	\$ 24,490.00 \$ 72,810.00	\$ 83,510.00 \$ 45,100.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
4C-2	•		\$ 1,713,090.00	\$ 261,830.00		YES 20120	04 823.6	' 839.8 '	821.1 '	838.4 '	845.4 '	837.8 ' N	IGVD 1929	A12	\$ 500,000	v \$	- v \$ 2,150	400 \$	3,515,619	FLD1354007	240818	\$ -	\$ 1,211,860.20	\$ -	RETH-HS-EX-000000	3-00 240922	\$ 711,860.20	
4A 4B	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	\$ 24,906.00	\$ 25,560.00	\$ 99,070.00	77.1770	NO																						not a structure eligible for NFIP coverage
4B 4C	Sludge Digester Tank #1 Sludge Digester Tank #3	\$ 24,906.00 \$ 122,261.00	\$ 25,560.00 \$ 210,410.00	\$ 99,070.00 \$ 400,950.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
4B-1	Sludge Digesters #1 & #2 Control Building	\$ 108,475.00	\$ 466,590.00	\$ 75,810.00		YES 1107			000.01	839.3 '	839.7 '			A12	\$ 500,000		00 v \$ 618		1,433,386	FLD1357241	240922	\$ -	\$ 807,906.80	\$ -	RETH-HS-EX-000000		\$ 307,906.80	
5 5A	Sludge Thickener #1 Pumping Station Sludge Thickener #1	\$ 37,514.00 \$ 14,039.00	\$ 158,620.00 \$ 19,270.00	\$ 29,020.00 \$ 50,980.00		YES 20120 NO	04 824.9	' 839.9 '	822.2 '	839.3 '	839.9 '	837.8 ' N	IGVD 1929	A12	\$ 500,000	≠ \$ 300,4	43 ≠ \$ 345	195 ? \$		(none at present)	\$ -	\$ -	\$ -	(not yet arranged/proc	irea)	\$ -	! - should procure (at least) an NFIP Policy not a structure eligible for NFIP coverage
6		\$ 189,967.00	\$ 823,980.00	\$ 125,880.00		YES 20120	04 820.0	' 838.8 '	839.0 '	833.4 '	840.3 '	837.7 ' N	IGVD 1929	A12	\$ 500,000	√ \$ 21,0	00 v \$ 605	250 \$	293,560 ?	FLD1354006	240818	\$ 81,948.99	\$ 50,810.00	\$ -	(not yet arranged/proc	red)	\$ -	!- increase NFIP Contents by \$293,560;h) 834.1' adjacent grade at lowest elevation of s
6A 6B	Methanol Fill Station Methanol Storage Building	\$ 72,177.00 \$ 298,614.00	\$ 309,530.00 \$ 617,110.00	\$ 51,410.00 \$ 876,020.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
7		\$ 42,648.00	\$ 184,210.00	\$ 29,080.00		YES (none y	et)								\$ 394,970	≠ \$ 108,4	60 ≠ \$	- \$	-	(none at present)	\$ -	\$ -	\$ -	n/a		\$ -	net e eleveluse elicible for NEID enverse
7A _[1-4] 7A _[5]	Primary Settling Tanks #1-#4 Primary Settling Tank #5	\$ 206,580.00 \$ 100,791.00	\$ 408,200.00 \$ 172,260.00	\$ 624,700.00 \$ 331,750.00	00.1070	NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
7A [6]	Primary Settling Tank #6			\$ 432,450.00		NO		. 044.51	004.41	000 7 1	040.51	007.01.	101/0 4000 4	440 0 B	\$ 500,000	A 500.0	0.450	050 0 0	0.744 (00.0				A 45.050.74			_		not a structure eligible for NFIP coverage 1. should procure (at least) an NFIP Policy,h) 8400 adjacent grade at lowest elevation of stairs
8 9	Headworks Facility Generator Building		\$ 3,315,830.00 \$ 2,608,180.00	\$ 486,300.00 \$ 217,560.00		YES 20120 YES 20120			821.4 ' 830.1 '	839.7 ' 841.3 '	846.5 ' 842.6 '	837.8 ' N 837.8 ' N	IGVD 1929 A IGVD 1929		\$ 500,000	. + 000,0				' (none at present FLD1354003		\$ 3,220.00	\$ 45,853.71 \$ 198,882.00	\$ -	(not yet arranged/proci (not yet arranged/proci		\$ -	! - increase NFIP Contents by \$374,000.
10	Head House	\$ 1,023,936.00	\$ 4,335,060.00	\$ 734,730.00	14.49%	YES 20120	04 804.6	' 829.7 '	802.0 '	840.2 '	844.8 '	837.8 ' N	IGVD 1929	B & C	\$ 500,000	√ \$ 500,0	00 ≠ \$ 7,003	180 \$	6,031,390	FLD1354001	240818	\$ -	\$ 1,327,896.00	\$ 6,910.0) RETH-HS-EX-000000	3-00 240922	\$ 818,499.00	I - increase NFIP Contents by \$271,000;h) 840.2 adjacent grade at lowest elevation of stairs
also includes	Plant Laboratory																											
	Wet Well with 4 [Binghamton Flow Side] Influent Pumps Mechanical Thickeners																											
11	BAF Electrical Room	\$ 483,472.00	\$ 2,102,300.00	\$ 315,100.00	13.03%	YES 20120	04 818.0	' 841.6 '	815.6 '	839.2 '	859.2 '	837.8 ' N	IGVD 1929 A	A12 & B	\$ 500,000	≠ \$ 500,0	00 ≠ \$ 2,292	520 ? \$	1,315,365 ?	(none at present)	\$ -	\$ -	\$ -	(not yet arranged/proc	red)	\$ -	1 - should procure (at least) an NFIP Policy; h) 839.1' adjacent grade at lowest elevation of stairs
12	, , , , , , , , , , , , , , , , , , , ,		\$ 539,190.00			YES (none y	et)								\$ 500,000	≠ \$ 500,0	00 ≠ \$ 846	870 ? \$	798,405 ?	(none at present)	\$ -	\$ -	\$ -	(not yet arranged/proce	red)	\$ -	! - should procure [at least] an NFIP Policy
12A 13	West Primary Settling Tanks (Nos. 7-10) Plant Water Pumping Building	\$ 578,898.00 \$ 169,137.00	\$ 921,030.00 \$ 736,590.00	\$ 1,973,540.00 \$ 109,120.00	68.18% 12.90%		et)								\$ 500,000	≠ \$ 277,1	5 7 ≠ \$ 380	360 \$		(none at present)	\$ -	\$ -	\$ -	(not yet arranged/proc	red)	\$ -	not a structure eligible for NFIP coverage ! - should procure [at least] an NFIP Policy
14				\$ 5,526,320.00		NO 2E+0	15 824.1	' 847.1 '	830.9 '	833.5 '	847.1 '	837.8 ' N	IGVD 1929	A12														not a structure eligible for NFIP coverage
15 16			\$ 10,501,080.00	\$ 22,684,210.00 \$ 163,330.00		NO YES 20120	04 834.1	' 842.4 '	834.1 '	838.1 '	839.8 '	837.8 ' N	IGVD 1929	A12	\$ 500,000	≠ \$ 500,0	00 ≠ \$ 926	180 ? \$	74,575 ?	(none at present)	\$ -	\$ -	\$ -	(not yet arranged/proc	ired)	\$ -	not a structure eligible for NFIP coverage 1-should procure (at least) an NFIP Policy;h) 838.1' adjacent grade at lowest elevation of states
17		\$ 129,413.00	\$ 546,140.00	\$ 101,000.00		YES 20120			816.0 '	837.3 '	840.1 '			A12 A12	\$ 500,000			100 ? \$		(none at present		\$ - \$ -	\$ -	\$ -	(not yet arranged/proc		\$ -	! - should procure [at least] an NFIP Policy
18 19	3	\$ 218,263.00 \$ 83,682.00		\$ 149,720.00 \$ 267,060.00		YES 20120 NO	J4 045.1		845.2 '	836.2 '	859.5 '	037.9	IGVD 1929	AIZ	\$ 500,000	v \$ 500,0	00 √ \$ 862	3/0 1 3	2,004,000 r	FLD1529820	241012	\$ -	\$ 635,809.00		RETH-HS-EX-000000	-00 240922	\$ 130,009.00	h) 837.8' adjacent grade at lowest elevation of stairs not a structure eligible for NFIP coverage
20 21	(not used) BAF Backwash Treatment Facility Building	\$ 500,562.00	\$ 2,206,580.00	\$ 296,310.00	11.83%	YES 20120	04 827.0	' 841.0 '	820.6 '	840.0 '	847.0 '	837.8 ' N	IGVD 1929	R	\$ 500.000	± \$ 500.0	00 ≠ \$ 2,105	930 3 \$	1 271 160 2	(none at present)	\$.	\$ -	\$.	(not yet arranged/proc	red)	\$.	1 - should procure (at least) an NFIP Policy,h). 839.6' adjacent grade at lowest elevation of stairs
22	UV Disinfection Building	\$ 454,086.00	\$ 2,074,450.00	\$ 196,020.00	8.63%	YES 20120	04 842.6	' 845.1 '	845.1 '	828.2 '	850.7 '	837.8 ' N	IGVD 1929	A12	\$ 500,000	√ \$ 500,0	00 🗸 \$ 1,839	930 ? \$	2,178,367 ?	FLD1529946	241012	\$ -	\$ -	\$ -	(not yet arranged/proce	red)	\$ -	h) 834.3' adjacent grade at lowest elevation of stairs
23 PS-1	Sludge Processing Building (a/k/a "Solids Handling Building) Northeast Stormwater Pumping Station No. 1	\$ 1,311,192.00 \$ 36,199.00	\$ 6,325,740.00 \$ 45,920.00	\$ 230,280.00 \$ 135,120.00		YES 20120 NO	04 831.2	' 842.1 '	831.1 '	842.0 '	853.4 '	837.8 ' N	IGVD 1929	С	\$ 500,000	≠ \$ 500,0	00 ≠ \$ 6,327	460 ? \$	7,339,726 ?	(none at present)	\$ -	\$ -	\$ -	(not yet arranged/proc	red)	\$ -	1- should procure [at least] an NFIP Policy;h) 842.1' adjacent grade at lowest elevation of stairs not a structure eligible for NFIP coverage
PS-2	Northwest Stormwater Pumping Station No. 2	\$ 36,199.00	\$ 45,920.00	\$ 135,120.00	74.63%	NO																						not a structure eligible for NFIP coverage
PS-4 S/4C-2		\$ 33,615.00 \$ 84,558.00	\$ 89,440.00 \$ 180,240.00	\$ 78,690.00 \$ 242,650.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
N/23	Blended Sludge Chamber	\$ 54,439.00	\$ 147,000.00	\$ 145,260.00	49.70%	NO																						not a structure eligible for NFIP coverage
S/23 7B	Raw Sludge Chamber Scum Pump Station No. 1	\$ 98,729.00 \$ 5,422.00	\$ 145,550.00 \$ -	\$ 348,130.00 \$ 27,110.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
24	Scum Pump Station No. 2	\$ 4,464.00	\$ -	\$ 22,370.00	100.00%	NO																						not a structure eligible for NFIP coverage
7D 7E	Scum Pump Station No. 3 (inactive) Chlorine Contact Tank #2	\$ 13,781.00 \$ 113,128.00	\$ - \$ 107.560.00	\$ 68,910.00 \$ 458.090.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
7C	Valve Pit No. 1	\$ 4,291.00	\$ -	\$ 21,500.00	100.00%	NO																						not a structure eligible for NFIP coverage
2S 0	[Binghamton] Influent Sampling Chamber Sanitary Sewer Influent Bypass Structure	\$ 16,954.00 \$ 35,849.00	\$ 19,030.00 \$ 80,800.00	\$ 65,820.00 \$ 98,480.00	77.57% 54.93%	NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
7R	Regulator Vault	\$ 36,300.00																										not a structure eligible for NFIP coverage
12B FW	Primary Distribution Box No. 2 Flood Wall (note: not insurable as a Building or as Business Personal Property)			\$ 121,910.00 \$ 3,261,800.00		NO NO																						not a structure eligible for NFIP coverage not a structure eligible for NFIP coverage
SC+OC	throughout Plant SCADA Control System + Odor Collection					NO																						not a <u>structure</u> eligible for NFIP coverage
P-OY includes	Plant Outside Yard (Property in the Open [PITO])	\$ -	\$ -	\$ -	n/a	NO																						not a <u>structure</u> eligible for NFIP coverage
	Fencing					NO																						
	Lighting 1 250kW Cummins Emergency Generator (Model DODDA-7582233)																											
	2 Groth Corporation Waste Gas Burners																											
	1 Square D Electrical Substation Power Feed Mains (throughout)																											
200	2 metal portable Guard Houses (6' x 4' x 7.5')					NO																						not a structure eligible for NFIP coverage
30Y 50Y	Sludge Thickener #2 & #3 Outside Yard Sludge Thickener #5 Outside Yard																											
	40-foot CONEX container																											
	JSTP SUBTOTALS (where applicable)																											
25		\$ 306,883.00							0.00.00	835.4 '	835.9 '	836.0 ' N		–			00 ≠ \$ 2,755		1,472,852 ?			\$ -	\$ -	\$ -	(not yet arranged/proce	red)	\$ -	! - should procure [at least] an NFIP Policy
25-A T-OY	Terminal Pumping Station (TPS) Auxiliary Building Terminal Pumping Station Property in the Open	\$ 58,777.00 \$ -				YES 16060 NO	08 834.5	' 842.1 '	842.4 '	834.5 '	841.8 '	836.2 ' N	IGVD 1929	A12	\$ 296,890	v \$ 305,1	30 √ \$	- \$	-	FLD2056194	241123	\$ -	\$ -	\$ -	(not required)		n/a	II 1 - reduce NFIP Policy to \$296.890(\$305,130;h) 8345' adjacent grade at lowest elevation of stairs not a structure eligible for NFIP coverage
includos																												· · · · · · · · · · · · · · · · · · ·

includes
TPS Outside Yard
Fencing
Lighting

25-B 1 500kW CAT Emergency Generator (Model 100) and dissell day bank
Power Feed Mains (throughout)

EO (TPS) Sanitary Sewer Emergency Overflow/Bypass TPS SUBTOTALS (where applicable)

(JSTP + TPS) JSTF GRAND TOTALS (where applicable)

!!!!! NOT CLEARLY INCLUDED IN IAC REPORT

7F Valve Pit No. 3