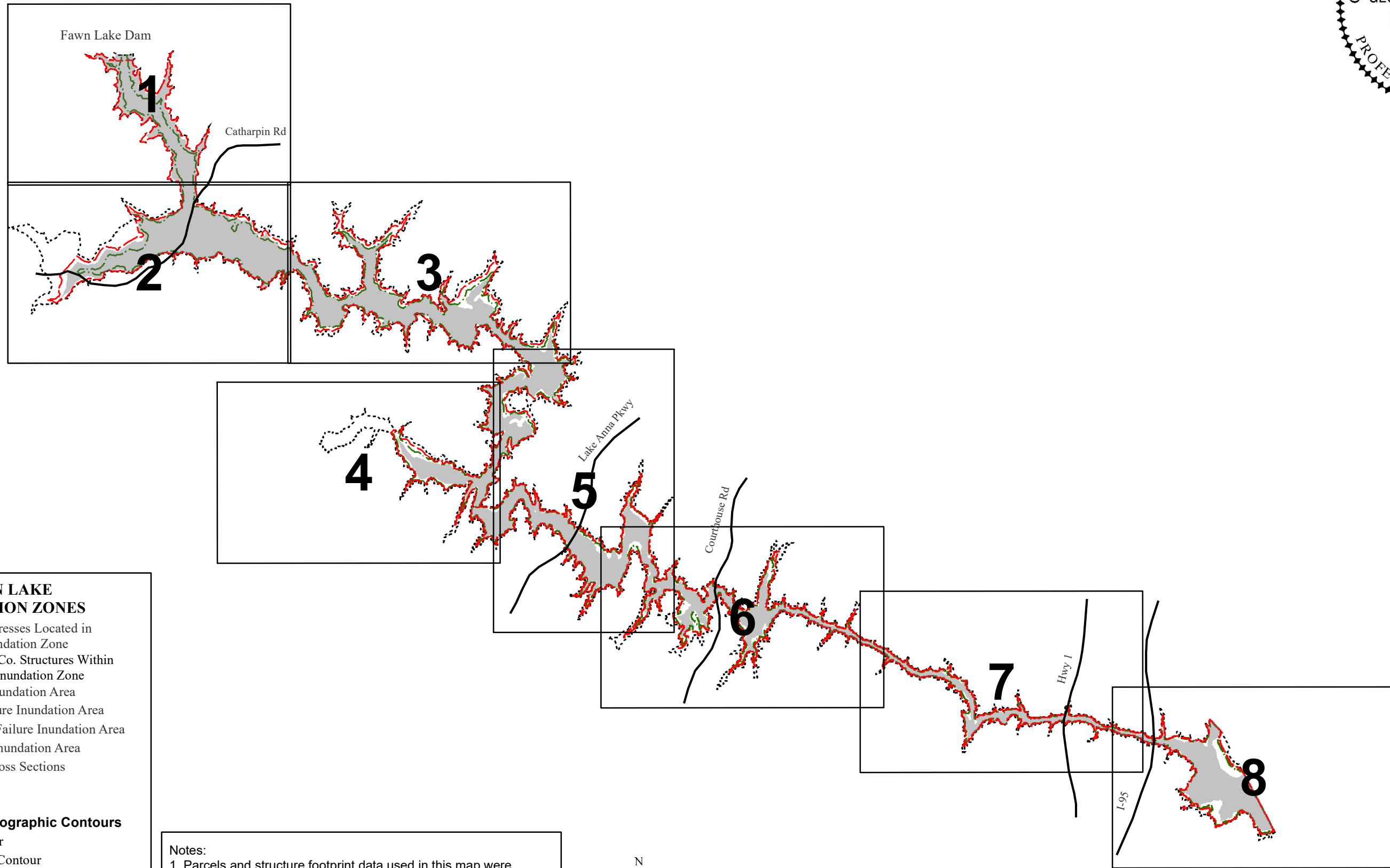


FAWN LAKE INUNDATION MAPPING INDEX



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- 0.6 PMF No Failure Inundation Area
- PMF Failure Inundation Area
- HEC-RAS Cross Sections

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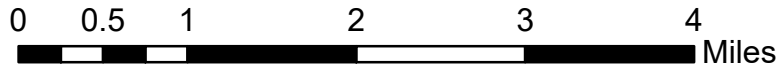
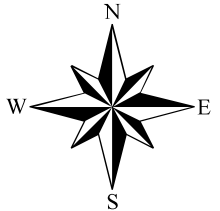
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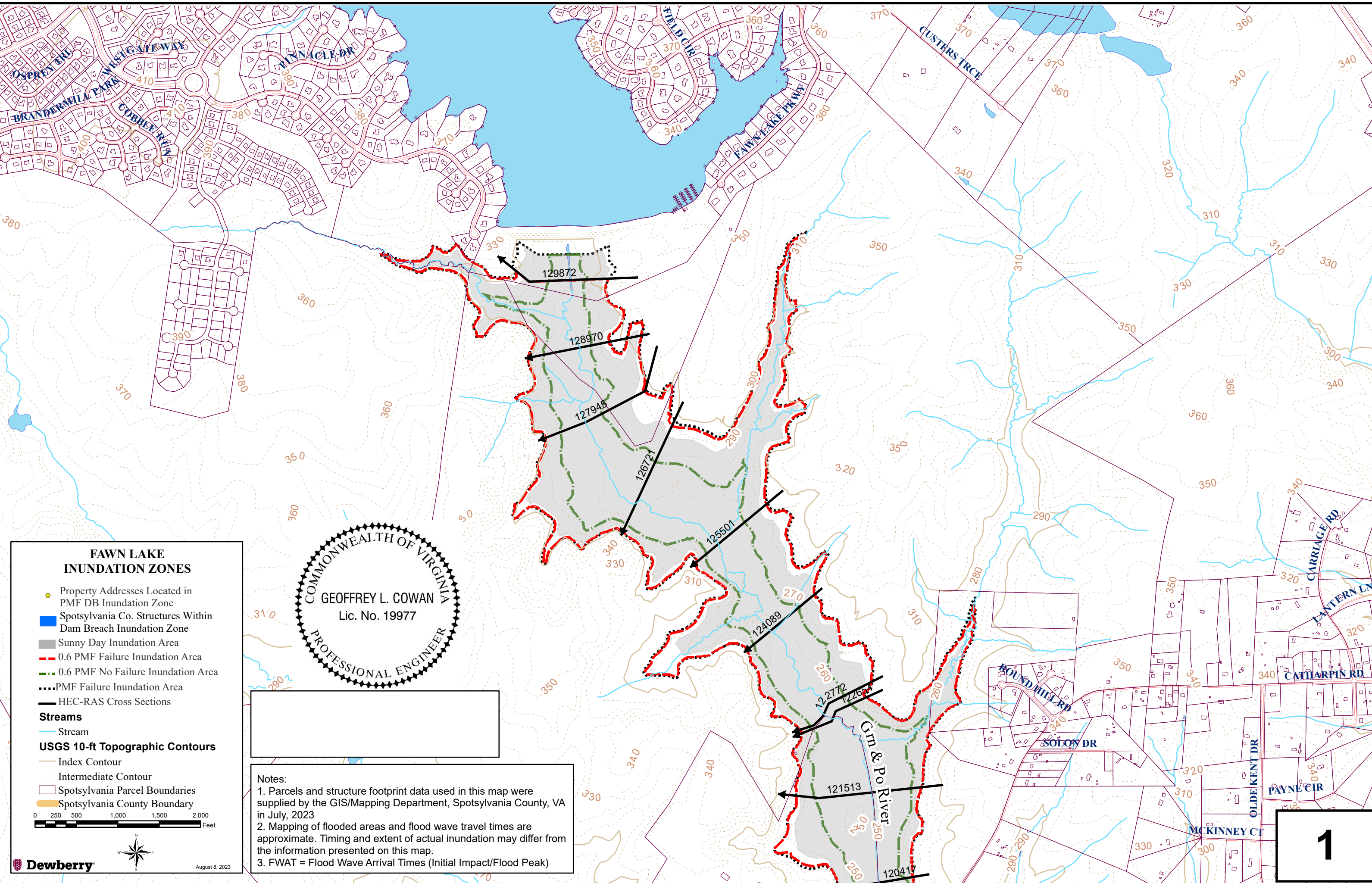
Dewberry

August 8, 2023

Notes:

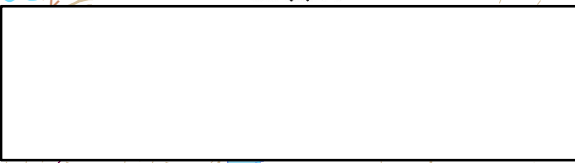
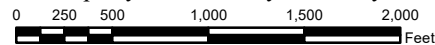
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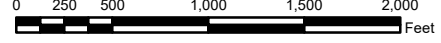


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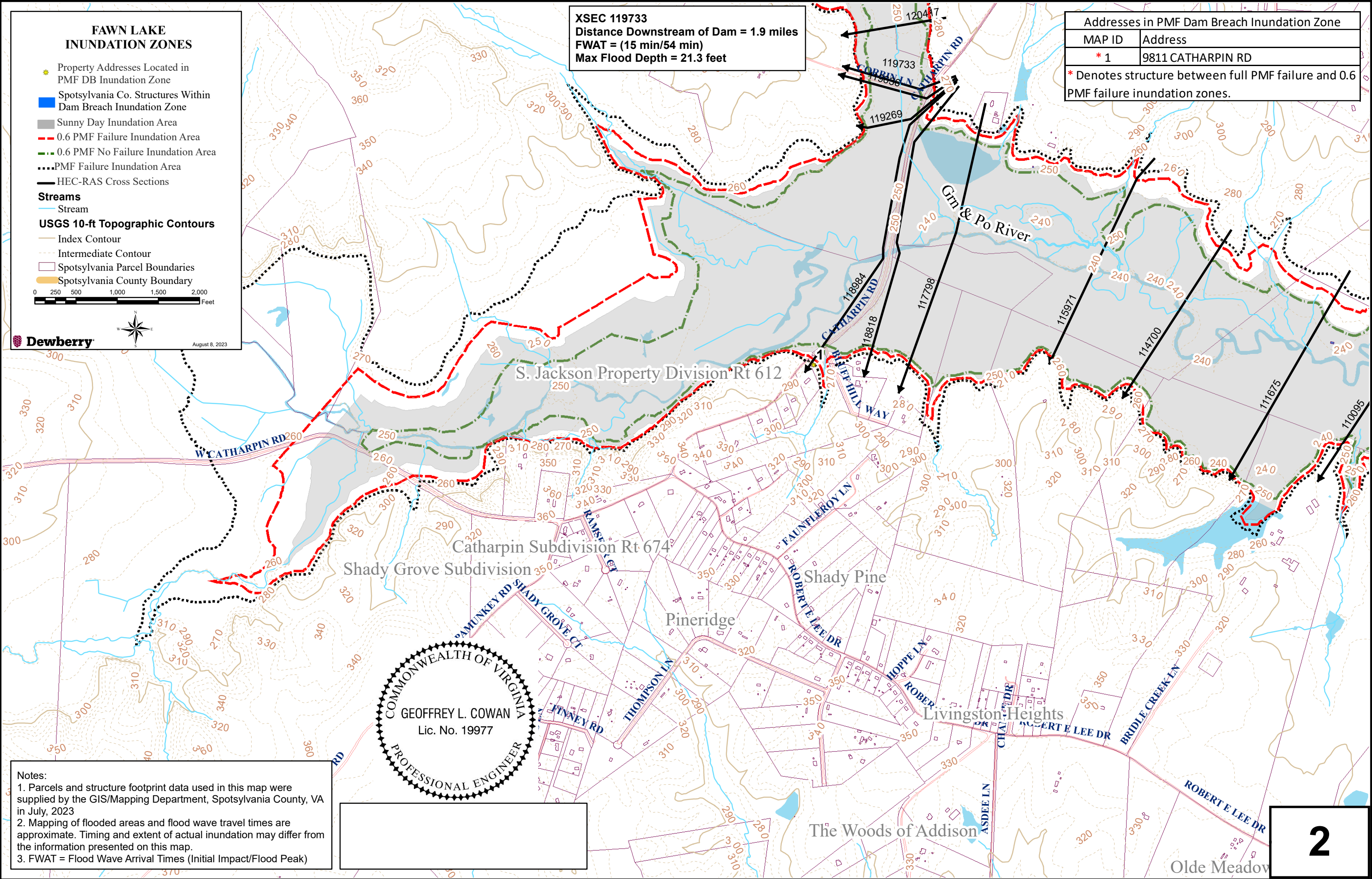


Dewberry August 8, 2023

XSEC 119733
 Distance Downstream of Dam = 1.9 miles
 FWAT = (15 min/54 min)
 Max Flood Depth = 21.3 feet

Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
* 1	9811 CATHARPIN RD

* Denotes structure between full PMF failure and 0.6 PMF failure inundation zones.



COMMONWEALTH OF VIRGINIA
 GEOFFREY L. COWAN
 Lic. No. 19977
 PROFESSIONAL ENGINEER

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0 250 500 1,000 1,500 2,000 Feet

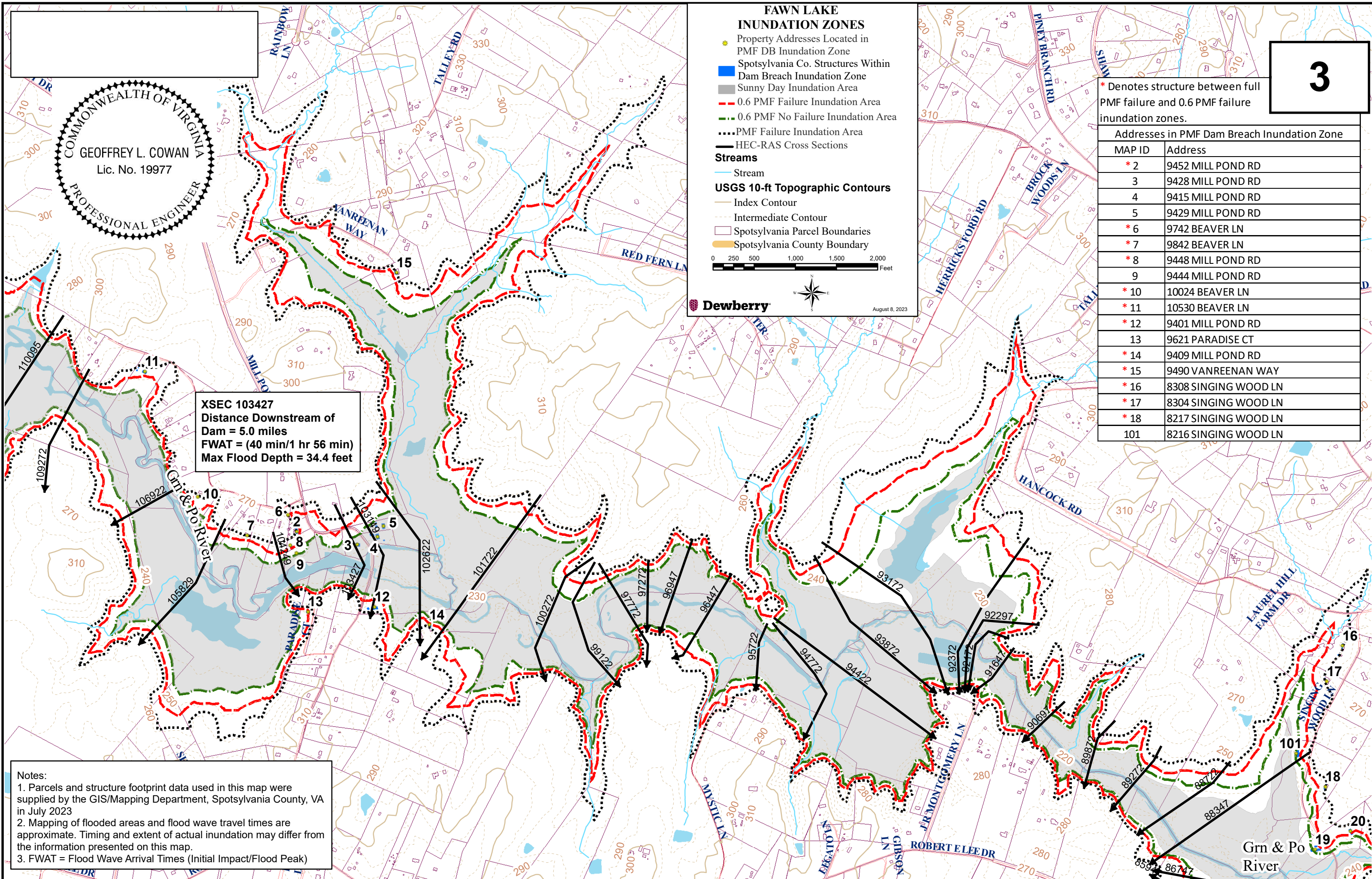
Dewberry August 8, 2023

* Denotes structure between full PMF failure and 0.6 PMF failure inundation zones.

Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
* 2	9452 MILL POND RD
3	9428 MILL POND RD
4	9415 MILL POND RD
5	9429 MILL POND RD
* 6	9742 BEAVER LN
* 7	9842 BEAVER LN
* 8	9448 MILL POND RD
9	9444 MILL POND RD
* 10	10024 BEAVER LN
* 11	10530 BEAVER LN
* 12	9401 MILL POND RD
13	9621 PARADISE CT
* 14	9409 MILL POND RD
* 15	9490 VANREENAN WAY
* 16	8308 SINGING WOOD LN
* 17	8304 SINGING WOOD LN
* 18	8217 SINGING WOOD LN
101	8216 SINGING WOOD LN

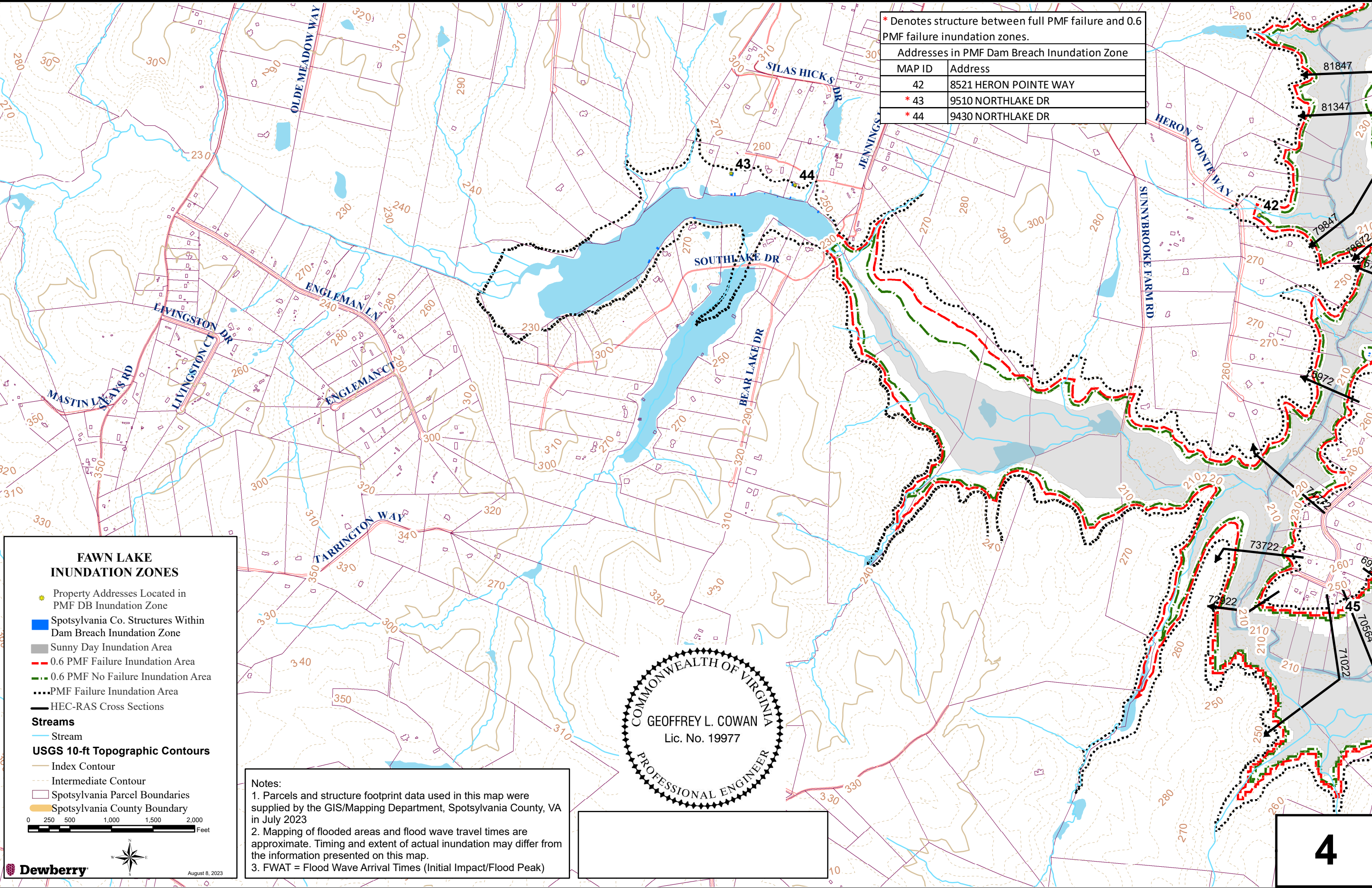
XSEC 103427
 Distance Downstream of Dam = 5.0 miles
 FWAT = (40 min/1 hr 56 min)
 Max Flood Depth = 34.4 feet

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* Denotes structure between full PMF failure and 0.6 PMF failure inundation zones.

Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
42	8521 HERON POINTE WAY
* 43	9510 NORTHLAKE DR
* 44	9430 NORTHLAKE DR



FAWN LAKE INUNDATION ZONES

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0 250 500 1,000 1,500 2,000 Feet

Dewberry

August 8, 2023

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Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
19	8136 SINGING WOOD LN
* 20	8135 SINGING WOOD LN
* 21	8619 ROBERT E LEE DR
* 22	8114 SINGING WOOD LN
23	8100 SINGING WOOD LN
* 24	8921 RIVER VALLEY LN
* 25	9001 RIVER VALLEY LN
27	8926 RIVER VALLEY LN
28	8517 ROBERT E LEE DR
* 29	8911 RIVER VALLEY LN
* 30	8425 ROBERT E LEE DR
* 31	8421 ROBERT E LEE DR
* 32	8415 ROBERT E LEE DR
* 33	8424 ROBERT E LEE DR
* 34	8700 MILLWOOD DR
* 35	8510 ROBERT E LEE DR
* 36	8802 MILLWOOD DR
* 37	8804 MILLWOOD DR
* 38	8806 MILLWOOD DR
* 39	8808 MILLWOOD DR
* 40	8810 MILLWOOD DR
* 41	8812 MILLWOOD DR
45	9003 MILLWOOD CT
* 46	8323 OLD MILL LN
* 47	8401 OLD MILL LN
102	9001 MILLWOOD CT
105	8800 MILLWOOD DR

* Denotes structure between full PMF failure and 0.6 PMF failure inundation zones.

XSEC 84747
 Distance
 Downstream of
 Dam = 8.6 miles
 FWAT = (1 hr 30
 min/3 hr 13 min)
 Max Flood Depth
 = 40.2 feet

XSEC 58352
 Distance Downstream of
 Dam = 13.6 miles
 FWAT = (2 hr 40 min/5 hr
 13 min)
 Max Flood Depth = 32.0
 feet

FAWN LAKE INUNDATION ZONES

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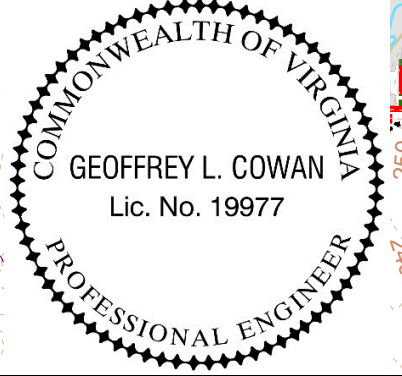
0 250 500 1,000 1,500 2,000 Feet

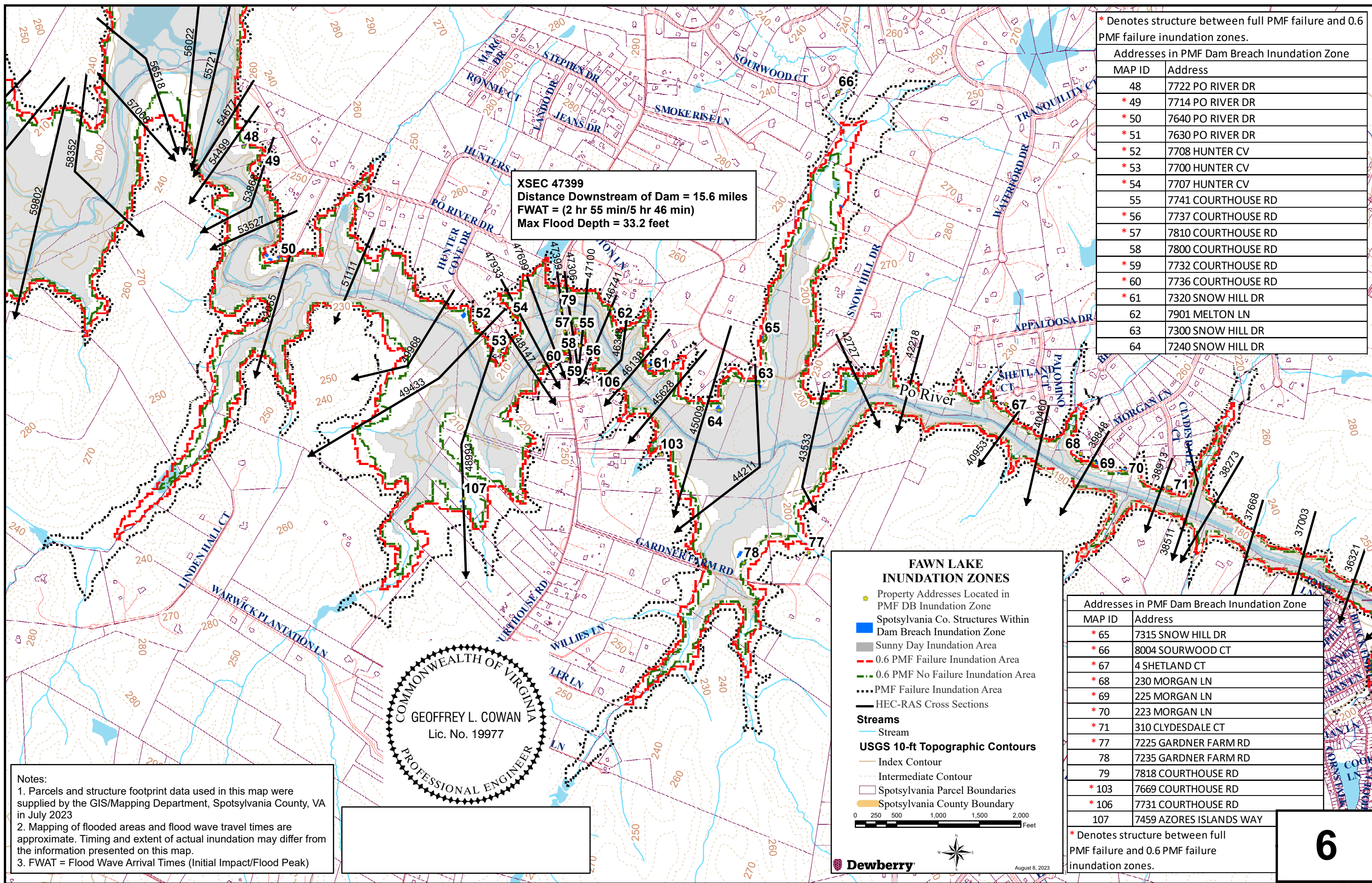
Dewberry

August 8, 2023

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XSEC 47399
 Distance Downstream of Dam = 15.6 miles
 FWAT = (2 hr 55 min/5 hr 46 min)
 Max Flood Depth = 33.2 feet

* Denotes structure between full PMF failure and 0.6 PMF failure inundation zones.

Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
48	7722 PO RIVER DR
* 49	7714 PO RIVER DR
* 50	7640 PO RIVER DR
* 51	7630 PO RIVER DR
* 52	7708 HUNTER CV
* 53	7700 HUNTER CV
* 54	7707 HUNTER CV
55	7741 COURTHOUSE RD
* 56	7737 COURTHOUSE RD
* 57	7810 COURTHOUSE RD
58	7800 COURTHOUSE RD
* 59	7732 COURTHOUSE RD
* 60	7736 COURTHOUSE RD
* 61	7320 SNOW HILL DR
62	7901 MELTON LN
63	7300 SNOW HILL DR
64	7240 SNOW HILL DR

FAWN LAKE INUNDATION ZONES

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0 250 500 1,000 1,500 2,000 Feet

Dewberry

August 8, 2023

Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
* 65	7315 SNOW HILL DR
* 66	8004 SOURWOOD CT
* 67	4 SHETLAND CT
* 68	230 MORGAN LN
* 69	225 MORGAN LN
* 70	223 MORGAN LN
* 71	310 CLYDESDALE CT
* 77	7225 GARDNER FARM RD
78	7235 GARDNER FARM RD
79	7818 COURTHOUSE RD
* 103	7669 COURTHOUSE RD
* 106	7731 COURTHOUSE RD
107	7459 AZORES ISLANDS WAY

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COMMONWEALTH OF VIRGINIA
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Addresses in PMF Dam Breach Inundation Zone	
MAP ID	Address
72	INDIAN ACRES
* 73	6437 MORRIS RD
* 74	47 WAUCOMA TRL
* 75	7001 JEFFERSON DAVIS HWY
* 76	6908 S ROXBURY MILL RD
* 80	39 WAUCOMA TRL

* Denotes structure between full PMF failure and 0.6 PMF failure inundation zones.



XSEC 36321
 Distance Downstream of Dam = 17.7 miles
 FWAT = (3 hr 15 min/6 hr 28 min)
 Max Flood Depth = 31.6 feet

XSEC 18182
 Distance Downstream of Dam = 21.2 miles
 FWAT = (3 hr 40 min/6 hr 45 min)
 Max Flood Depth = 29.0 feet

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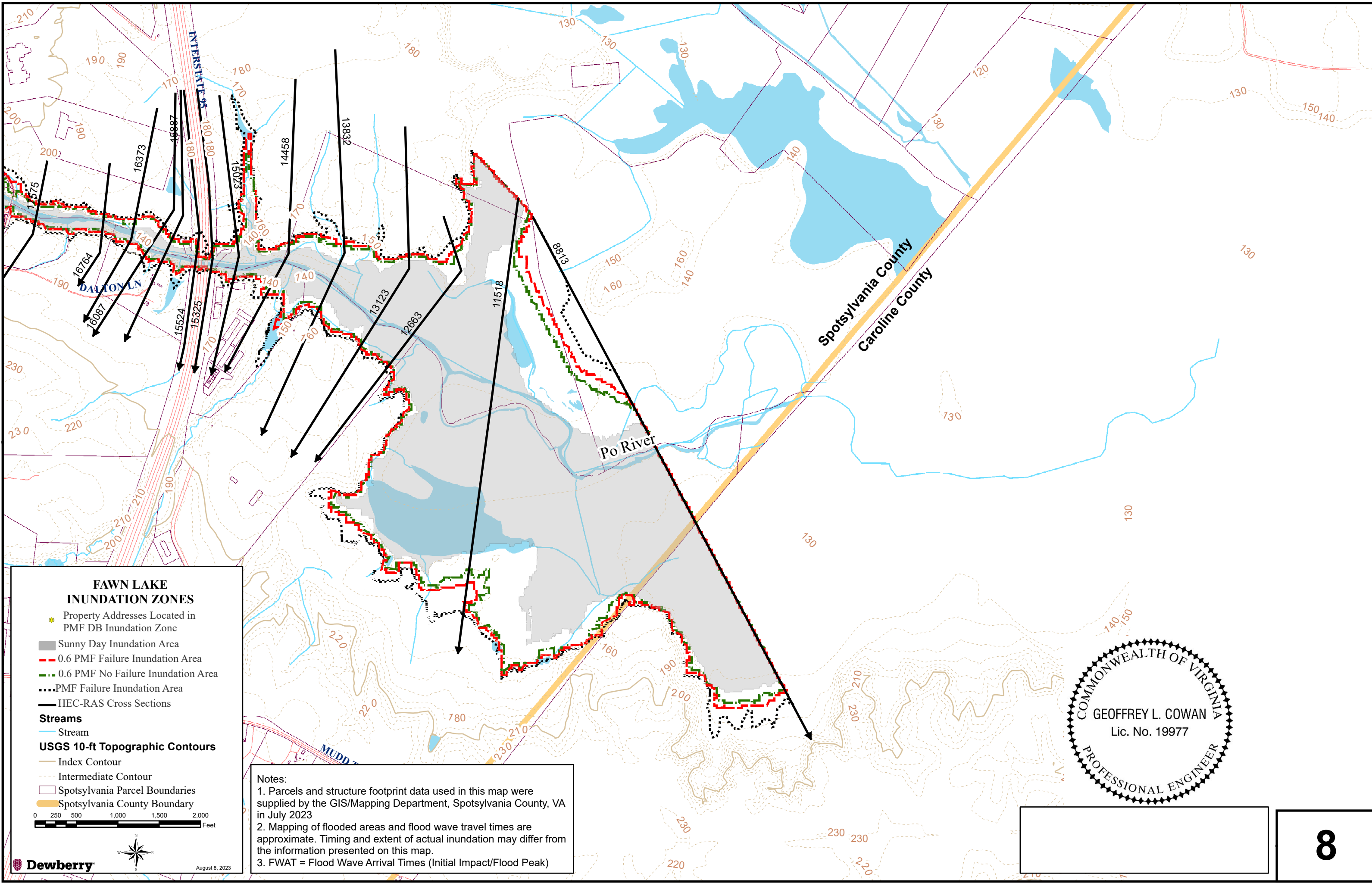
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0 250 500 1,000 1,500 2,000 Feet

August 8, 2023

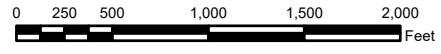
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4. Indian Acres is a campground with multiple impacted permanent and temporary structures



**FAWN LAKE
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