Comparison of master files

Contents

Files compared

- old=master_2019-11-07_full.v1.csv
- new=master_2019-11-07_full.v2.csv

--> there are differences in the datasets

Column Headers

Columns dropped

- Exclude
- Diameter_mm_new
- notnull_cols
- IsBridge
- IsPhysicalBarrier
- NoStructure
- IsFishPassProvided
- IsAquaticHabitat
- Culvert_Width_mm_new
- IsVelocityBarrier
- IsJumpingSpecies

- RequiresFurtherInvestigation
- Culvert_Height_mm_new
- Thickness_mm_new
- Length_Of_Culvert_M_new
- IsNaturalFeature
- IsPerched
- IsMaintenanceRequired
- IsBarrier
- IsDryCulvert

Columns added

- Tidal_old
- Diameter_mm_old
- Length_Of_Culvert_M_old
- Culvert_Width_mm_old

Rows

Rows dropped

- none

Rows added

- none

Data Content Changes

Columns with changes

- Latitude
- Longitude
- Altitude
- Accuracy_X10m
- Diameter_mm
- Culvert_Width_mm
- Length_Of_Culvert_M
- Tidal
- POINT_X
- POINT_Y
- Unnamed: 41
- Displayed_Latitude
- Displayed_Longitude

Latitude

Datatypes: old=float64, new=float64
Values not within specified tolerance 0.00000010

index	old Latitude	new Latitude
339	nan	nan

Longitude

Datatypes: old=float64, new=float64

Values not within specified tolerance 0.00000010

index	old Longitude	new Longitude
339	nan	nan

Altitude

Datatypes: old=float64, new=float64

Values not within specified tolerance 0.00000010

index	old Altitude	new Altitude
292	nan	nan

Accuracy_X10m:

Datatypes: old=float64, new=float64

index	old Accuracy_X10m	new Accuracy_X10m
181	0.919999981	0.9199999809999999
292	nan	nan

Diameter_mm:

Datatypes: old=object, new=float64

index	old Diameter_mm	new Diameter_mm
0	750	750.0
1	600	600.0
2	nan	nan
12	900	900.0
34	350	350.0
37	450	450.0
50	1050	1050.0
68	1200	1200.0

index	old Diameter_mm	new Diameter_mm
90	4000	4000.0
97	1800	1800.0
130	1000	1000.0
141	950	950.0
142	400	400.0
143	300	300.0
151	1100	1100.0
168	700	700.0
182	2000	2000.0
186	1500	1500.0
191	500	500.0
196	1400	1400.0
203	1.5	1.5
207	1600	1600.0
268	1350	1350.0
280	30	30.0
296	250	250.0
303	0	0.0
340	230	230.0
355	1850	1850.0
358	445	445.0
371	850	850.0
379	470	470.0
389	2	2.0
390	2560	2560.0
391	340	340.0
392	380	380.0
393	360	360.0
395	310	310.0
396	282	282.0
398	331	331.0

index	old Diameter_mm	new Diameter_mm
401	220	220.0
402	240	240.0
410	100	100.0
411	270	270.0
413	320	320.0
417	300/370	0.8108108108108109
427	440/460	0.9565217391304348
434	680	680.0
436	585	585.0
440	215	215.0
451	?	nan
456	490	490.0
459	631	631.0
461	440	440.0
468	430	430.0
478	10	10.0
518	800	800.0
574	550	550.0
577	3000	3000.0
595	1500.0	1500.0
600	1200.0	1200.0
619	1300.0	1300.0
622	400.0	400.0
624	900.0	900.0
629	1600.0	1600.0
668	1050.0	1050.0
702	450.0	450.0
733	500.0	500.0
750	80.0	80.0
756	600.0	600.0
919	2400.0	2400.0

index	old Diameter_mm	new Diameter_mm
1217	2400	2400.0
1234	54cm	540.0
1238	50cm	500.0
1239	90cm	900.0
1240	45cm	450.0
1241	80cm	800.0
1243	1.6m	1600.0
1244	60cm	600.0
1245	20cm	200.0
1246	30cm	300.0
1255	25cm	250.0
1257	40cm	400.0
1263	3m	3000.0
1267	1.50 meters	1500.0
1269	1m	1000.0
1273	2m	2000.0
1278	75cm	750.0
1279	1 1/2 m wide	1500.0
1281	1.1 m x2	1100.0
1282	2 m	2000.0
1287	60 cm	600.0
1288	50 cm	500.0
1297	1.2mm	1.2
1300	1.5m	1500.0
1301	65cm	650.0
1335	1.3m	1300.0
1338	1.2	1.2
1357	1.7m	1700.0
1393	200	200.0
1436	1300	1300.0
1464	2500	2500.0

index	old Diameter_mm	new Diameter_mm
1517	750.0	750.0
3164	200.0	200.0

Culvert_Width_mm:

Datatypes: old=object, new=float64

index	old Culvert_Width_mm	new Culvert_Width_mm
0	nan	nan
129	2500.0	2500.0
138	7800.0	7800.0
180	1500.0	1500.0
209	2100.0	2100.0
216	4000.0	4000.0
232	1200.0	1200.0
234	1800.0	1800.0
251	2400.0	2400.0
271	2000.0	2000.0
342	0	0.0
369	80	80.0
371	5	5.0
380	100	100.0
521	1600.0	1600.0
620	60	60.0
645	20	20.0
706	50	50.0
719	10	10.0
1243	2.5	2.5
1249	2.5m	2500.0
1254	1m	1000.0
1267	1.50 meters	1500.0
1496	1500	1500.0

Length_Of_Culvert_M:

Datatypes: old=object, new=float64

index	old Length_Of_Culvert_M	new Length_Of_Culvert_M
0	18	18.0
1	6	6.0
2	nan	nan
4	12	12.0
13	20	20.0
16	14.4	14.4
34	14.6	14.6
35	14	14.0
36	10.2	10.2
45	10.6	10.6
49	15	15.0
51	10	10.0
63	13.6	13.6
64	40	40.0
66	24	24.0
68	9.6	9.6
79	28	28.0
80	17.4	17.4
84	17.6	17.6
90	23	23.0
96	16	16.0
97	19.2	19.2
98	14.8	14.8
109	8	8.0
111	30	30.0
165	35	35.0
175	22	22.0
179	16.8	16.8

Datatypes: old=object, new=float64

index	old Length_Of_Culvert_M	new Length_Of_Culvert_M
182	25	25.0
190	16.4	16.4
191	17.2	17.2
192	19	19.0
194	13	13.0
200	8.4	8.4
209	7	7.0
222	9.5	9.5
229	34	34.0
232	11	11.0
238	32	32.0
268	7.2	7.2
285	3.6	3.6
287	4.8	4.8
294	5	5.0
297	4	4.0
303	0	0.0
329	26	26.0
331	17	17.0
337	9	9.0
340	7.5	7.5
341	4.5	4.5
351	7.35	7.35
358	8.55	8.55
366	?	nan
374	11.1	11.1
376	12.8	12.8
379	9.3	9.3
390	12.2	12.2
391	10.5	10.5
394	10.3	10.3

index	old Length_Of_Culvert_M	new Length_Of_Culvert_M
399	9.2	9.2
400	10.7	10.7
402	6.2	6.2
405	8.3	8.3
409	8.7	8.7
410	7.4	7.4
412	12.1	12.1
415	3.9	3.9
416	5.5	5.5
417	9.7	9.7
420	4.2	4.2
422	5.7	5.7
423	13.1	13.1
425	12.7	12.7
427	22.7	22.7
428	12.4	12.4
432	5.4	5.4
434	18.3	18.3
439	11.15	11.15
442	12.5	12.5
444	9.4	9.4
447	6.5	6.5
450	12.9	12.9
457	5.3	5.3
461	19.9	19.9
474	15.5	15.5
477	12.6	12.6
499	200	200.0
503	14.5	14.5
518	27	27.0
519	50	50.0

index	old Length_Of_Culvert_M	new Length_Of_Culvert_M
522	45	45.0
582	17.8	17.8
595	12.0	12.0
600	24.0	24.0
619	4.0	4.0
624	14.0	14.0
626	11.0	11.0
629	13.0	13.0
636	20.0	20.0
647	19.0	19.0
668	8.0	8.0
684	7.0	7.0
690	9.0	9.0
702	15.0	15.0
724	22.0	22.0
730	26.0	26.0
733	18.0	18.0
739	7200	7200.0
759	17.0	17.0
783	10.0	10.0
909	25.0	25.0
920	80.0	80.0
941	6.0	6.0
989	3.5	3.5
1081	3	3.0
1089	3.0	3.0
1123	5.0	5.0
1234	20m	20.0
1238	12m	12.0
1239	10m	10.0
1240	8m	8.0

index	old Length_Of_Culvert_M	new Length_Of_Culvert_M
1242	9m	9.0
1243	15m	15.0
1245	5m	5.0
1246	5cm	0.05
1250	40m	40.0
1251	6m	6.0
1254	4.5m	4.5
1255	3m	3.0
1258	2.5m	2.5
1263	13m	13.0
1264	7m	7.0
1267	30 m	30.0
1268	12.5m	12.5
1269	5.5m	5.5
1278	8cm	0.08
1279	8.5 m	8.5
1281	4.5 m	4.5
1287	10 m	10.0
1288	6 m	6.0
1291	4.6m	4.6
1294	9.5m	9.5
1297	7.5m	7.5
1298	8.5m	8.5
1311	11m	11.0
1317	3.2	3.2
1325	3.2m	3.2
1331	3.7m	3.7
1333	18m	18.0
1337	4.4m	4.4
1338	4.7	4.7
1353	15.35m	15.35

index	old Length_Of_Culvert_M	new Length_Of_Culvert_M
1517	30.0	30.0
1523	40.0	40.0
1524	35.0	35.0

Tidal:

Datatypes: old=object, new=object

index	old Tidal	new Tidal
18	nan	nan
342		nan
1258	no	No
1329	yes	Yes

POINT_X:

Datatypes: old=float64, new=float64

index	old POINT_X	new POINT_X
0	nan	nan
619	1936260.6609999998	1936260.661
622	1936408.9019999998	1936408.902
624	1936501.7380000001	1936501.738
668	1928560.8369999998	1928560.837
730	1925261.0369999998	1925261.037
733	1924984.9540000001	1924984.954
783	1927641.6709999999	1927641.671

POINT_Y:

Datatypes: old=float64, new=float64

index	old POINT_Y	new POINT_Y
0	nan	nan
600	5776664.106000001	5776664.106000002
619	5782567.561000001	5782567.561000002

index	old POINT_Y	new POINT_Y
622	5766070.392999999	5766070.392999998
624	5765804.782000001	5765804.7820000015
733	5726973.768999999	5726973.768999998
750	5725284.302999999	5725284.302999998

Unnamed: 41:

Datatypes: old=float64, new=float64

index	old Unnamed: 41	new Unnamed: 41
0	nan	nan
1150	-0.00011574072414077817	-0.00011574072414077814

Displayed_Latitude:

Datatypes: old=float64, new=float64

index	old Displayed_Latitude	new Displayed_Latitude
0	nan	nan
3150	-37.502	-37.501999999999995

Displayed_Longitude:

Datatypes: old=float64, new=float64

index	old Displayed_Longitude	new Displayed_Longitude
0	nan	nan
3160	175.884	175.88400000000001