

Annex 3. Database of the Ukrainian TMFs

Table A 3.1: Database of the Ukrainian TMFs

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
1	Ash dump Ladyzhyn TPP "Skhidenergo", LLC	Ladyzhyn, Vinnytsia region. (Zaozerne)	48.680819	29.135876	30.1000	ash	3	7.48	1.00	8.5	9
2	TMF "Voykove" of the Workshop No 3 sludge and waste systems of Preparation plants OJSC "Southern Ore Mining and Processing enterprise"	Inhuletskyi district, Kryvyi Pih, Dnipropetrovsk region	47.801956	33.307663	1.8000	tailings	4	6.26	0.00	6.3	78
3	TMF "Myrolyubivske" PJSC "ArcelorMittal Kryvyi Rih" Mining department	Myrolyubivka, Shirokivskyi district, Dnipropetrovsk region	47.823056	33.412222	1.0200	coal preparation tailings	4	6.01	0.00	6.0	87
4	TMF "Objednane" of the Workshop No 3 sludge and waste systems of mining and processing plants of OJSC "Southern Ore Mining and Processing	Inhuletskyi district, Kryvyi Pih, Dnipropetrovsk region	47.795836	33.341476	2.3000	coal preparation tailings	4	6.36	0.00	6.4	77

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	enterprise"										
5	TMF "Forth part" (joint) PJSC "ArcelorMittal Kryvyi Rih" Mining department	Volchysche gully, Inhuletskyi district, Kryvyi Pih, Dnipropetrovsk region	47.796132	33.369187	0.6000	coal preparation tailings	4	5.78	0.00	5.8	92
6	TMF of PJSC "Inhulets Ore Mining and Processing Enterprise"	47, Rudna str., Inhulets district, Kryvyi Rih, Dnipropetrovsk region	47.8146564	33.3453896	11.8400	tailings	4	7.07	0.00	7.1	52
7	TMF Stukanova gully of the affiliated branch "Central Coal Preparation Plant «Pavlohradska»" of PJSC "DTEK Pavlohradvuhilia"	Morozivske, Pavlohrad district, Dnipropetrovsk region	48.625708	35.966574	12.0000	sludge pulp	4	7.08	0.00	7.1	51
8	Baburin's gully sludge reservoir of reverse water supply sludge facility of PJSC "Marganets Ore Mining and Processing Enterprise"	62, Radyanska str., Marganets, Dnipropetrovsk region	47.737268	34.75974	16.0000	sludge	4	7.20	0.00	7.2	44
9	Berehove gully sludge reservoir of reverse wa-	Marhanets, Dnipropetrovsk	47.663234	34.692835	5.0300	sludge	3	6.70	1.00	7.7	21

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10	ter supply sludge facility of PJSC "Marhanets Mining and Processing enterprise"	region				pulp					
10	Sludge storage of PJSC "Central Ore Mining and Processing Plant",	Zhovtnevyy district, Kryvyy Rih, Dnipropetrovsk region	48.027769	33.350872	328.9800	sludge	4	8.52	0.00	8.5	8
11	Morozov's gully sludge reservoir of reverse water supply sludge facility of PJSC "Marganets Ore Mining and Processing Enterprise"	Marganets, Dnipropetrovsk region	47.658184	34.670648	25.0000	sludge pulp	4	7.40	0.00	7.4	36
12	TMF "Scherbakivske" State Enterprise "Eastern Ore Dressing Complex"	Scherbakivska gully, Zhovti Vody, Dnipropetrovsk region	48.379491	33.478159	14.7000	waste processing of uranium-containing raw materials	1	7.17	3.00	10.2	3
13	Sludge reservoir Vuhlehirska, TPP OJSC "State power generating company "Centrenergo"	Svitlodarsk, Donetsk region	48.489002	38.2218128	1.8000	ash	4	6.26	0.00	6.3	78

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14	Ash disposal area "Sukha Balka" Separated Unit "Kurakhivska TPP", "DTEK Skhidenergo", LLC	Kurakhove, Mariinsky district, Donetsk region	47.9525	37.192778	1.4400	ash	4	6.16	0.00	6.2	82
15	Ash disposal area TPP Starobeshivska - Structural Unit of PJSC "Donbasenergo"	Stantsiina str., Novyi Svit, Starobeshivskiy district, Donetsk region	47.808889	37.983056	1.1800	ash	4	6.07	0.00	6.1	85
16	Ash dump of Structural unit of OJSC "Donbasenergo"	territory of Slovjanska TPP, Mykolaivka, Donetsk region	48.872826	37.723623	12.6800	ash	4	7.10	0.00	7.1	49
17	Ash disposal area of Ternovka Dam, Separated Unit "Kurakhivska TPP", "DTEK Skhidenergo" LLC	Kurakhove, Mariinsky district, Donetsk region	48.003056	37.203889	1.0400	ash	4	6.02	0.00	6.0	86
18	Sludge tank (Section No4) JSC "Central Coal Preparation Plant «Selidivska»"	34, Myru str., Selidove, Donetsk region	48.1662063	37.324346	0.3710	sludge	3	6.02	1.00	6.6	72
19	Sludge tank No1 PJSC "Group Coal Processing"	Pelahiivka, Donetsk region	48.068667	38.569001	1.1400	coal preparation	3	6.06	1.00	7.1	53

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20	Plant «Chervona Zirka» Sludge tank No 2 PJSC "Group Coal Processing Plant «Chervona Zirka»"	Pelahiyivka, Donetsk region	48.072222	38.573056	1.6300	wastes coal preparation wastes	3	6.21	1.00	7.2	42
21	Sludge tank of State OJSC "Central Coal Preparation Plant «Dzerzhinska»"	11, Lenin str., Dzerzhynsk, Donetsk region	48.346268	37.868681	1.0000	flotation wastes	4	6.00	0.00	6.0	88
22	Sludge tank State OJSC "Central Coal Preparation Plant «Kolosnykivska»"	Sverdlove, Donetsk region	48.0425	38.0825	1.6000	flotation tailings	3	6.20	1.00	7.2	44
23	Sludge tank 3 A T "Central Coal Preparation Plant «Selidivska»"	34, Myru str., Selidove, Donetsk region	48.163539	37.325836	4.9000	coal preparation sludge	4	6.69	0.00	6.7	66
24	Sludge tank of Separated Unit "Central Coal Preparation Plant «Russia»" of Donbasvuhlepererobka, LLC	Novohrodivka, Donetsk region	48.160556	37.356111	0.3300	coal preparation sludge	3	5.52	1.00	6.5	73
25	Sludge tank Structural Unit of Separated Enterprise "Central Coal	1, Zhovtneva str., Ukrainsk, Donetsk region	48.105462	37.353918	0.8900	coal preparation sludge	3	5.95	1.00	6.9	60

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	Preparation Plant «Ukraine» of Donbasvuhlepererobka, LLC										
26	Sludge tank "Central Coal Preparation Plant «Uzlivska»", LLC	Kalininskyi district, Horlivka, Donetsk region	48.338249	38.097904	1.2210	coal preparation sludge	3	6.09	1.00	7.1	50
27	Sludge tank "Central Coal Preparation Plant «Kurakhivska»", LLC	1a, Nahorna str. Vovchenka, Mariinsky district, Donetsk region	48.018813	37.346475	2.6000	flotation slurry	3	6.41	1.00	7.4	35
28	Sludge tank "Central Coal Preparation Plant «Proletarska»", LLC	1, Yanky Kupaly, Hirnytskyi district, Makiyivka, Donetsk region	48.023889	38.014722	1.6060	flotation wastes	3	6.21	1.00	7.2	43
29	Sludge tank of Coal Preparation Plant "Anthracite" branch, "Energoimpex", LLC	Makiyivka, Donetsk region	48.071237	38.064778	0.5500	sludge	4	5.74	0.00	5.7	96
30	Washing waters sediment storage Yenakiieve and Volyntsevo Filter Stations of Yenakiieve regional production manage-	Yenakiieve, Donetsk region	48.260761	38.2241446	0.6850	pulp	3	5.84	1.00	6.8	61

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31	ment, Public Utility "Company "Water of Donbass" Washing waters sediment storage Artemivsk Filter Station of Chasovoyarsk regional production management, Public Utility "Company "Water of Donbass"	Sharobarivka gully, Artemivsk district, Donetsk region	48.566701	37.81711	2.6600	technological water	3	6.42	1.00	7.4	34
32	Washing waters sediment storage Horlivska Filter Station No 2, Public Utility "Company "Water of Donbass"	Horlivka, Donetsk region	48.30895	37.975868	0.4200	industrial waters	3	5.62	1.00	6.6	69
33	Liquid wastes reservoir of coke production capture workshop, PJSC "Azovsta Iron and Steel Works"	1, Leporskoho str., Mariupol, Donetsk region	47.109167	37.600556	0.2400	technological wastes	3	5.38	1.00	6.4	76
34	Postnikov sedimentation pond for sludge water of Separated Unit "Management of auxiliary division", State Enter-	Shakhtarsk, Donetsk region	48.040949	38.519826	3.7500	mine water	3	6.57	1.00	7.6	26

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35	Sludge pond Separated Unit "Central Coal Preparation Plant «Komsomolska»", Association of Financial, Industrial and Commercial Enterprises "Donbass settlement and financial center"	Shoseyna str., Dymytriv, Donetsk region	48.348889	37.286944	6.3000	flotation wastes	3	6.80	1.00	7.8	18
36	Sedimentation pond for sludge water of Chapaev Mine Separated Unit "Management of auxiliary division", State Enterprise "Shakhtarskantracit"	Shakhtarsk, Donetsk region	48.093889	38.4125	1.8000	mine water	3	6.26	1.00	7.3	41
37	Sludge pond OJSC "«Zhovtneva» Central Coal Preparation Plant"	Krasnoarmiiska str., Bilytske, Donetsk region	48.4263759	37.1483281	4.8500	lotation slurry	4	6.69	0.00	6.7	67
38	Mine waters sedimentation pond No 1 of mine No 21 drainage	2 km to north-west from hospital No 6,	48.094195	38.056853	0.0550	mine water	4	4.74	0.00	4.7	122

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39	complex, State Enterprise "Ukrshakhthydroz akhyst" Mine waters sedimentation pond No 2 of mine No 21 drainage complex, State Enterprise "Ukrshakhthydroz akhyst"	Makiyivka, Donetsk region 40 Rokiv Zhovtnya str., Makiyivka, Donetsk region	48.110739	38.072835	0.5600	mine water	4	5.75	0.00	5.7	94
40	Mine waters sedimentation pond of mine "Sovietska" drainage complex, State Enterprise "Ukrshakhthydroz akhyst"	1,25 km to south-west from Makiyivka engineering plant, Makiyivka, Donetsk region	48.084493	38.015467	0.0900	mine water	4	4.95	0.00	5.0	119
41	Sludge pond of OJSC "Central Coal Preparation Plant «Dobropilska»"	Hannivka, Dobropilskiy district, Donetsk region	48.469279	37.129723	3.9400	flotation slurry	3	6.60	1.00	7.6	25
42	Sludge pond "Central Coal Preparation Plant «Kindrativska»", LLC	Vuhlehrske shose, Horlivka, Donetsk region	48.315338	38.186732	1.0000	flotation wastes	3	6.00	1.00	7.0	57
43	Sludge pond of Central Coal Preparation Plant "Krasnolimansk a	Rodynske, Donetsk region	48.356972	37.265994	5.5000	sludge	3	6.74	1.00	7.7	20

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	ya" State Enterprise "Coal Mining Company «Krasnoliman'ska ya»										
44	Sedimentation pond (Section No 1) "Central Coal Preparation Plant «Torezka»" LLC	3, Saratovska str., Torez, Donetsk region	47.981235	38.657393	0.5100	sludge	4	5.71	0.00	5.7	98
45	Storage pond (Section No 2) "Central Coal Preparation Plant «Torezka»" LLC	3, Saratovska str., Torez, Donetsk region	47.980556	38.655556	0.2270	sludge	4	5.36	0.00	5.4	108
46	Clarifier pond, Separated Unit "Mine «Kholodna Balka»"	Makiyivka, Donetsk region	48.0006065	38.0587985	0.3000	mine water	4	5.48	0.00	5.5	106
47	TMF Central Coal Preparation Plant "Mospinska"	Hryshyna str., Mospyne, Donetsk region	47.876037	38.061538	0.4740	flotation slurry	4	5.68	0.00	5.7	103
48	Sludge reservoir of first phase, RPE «Inkor&Co», LLC	Novohrodske, Donetsk region	48.340953	37.860934	0.4340	alkali liquor	3	5.64	1.00	6.6	68
49	Sludge reservoir of second phase RPE «Inkor&Co» LLC	Novohrodske, Donetsk region	48.33932	37.867352	0.5000	sludge	4	5.70	0.00	5.7	99
50	Sludge reservoir of third	Novohrodske,	48.340833	37.866111	0.5250	sludge	3	5.72	1.00	6.7	63

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51	phase RPE «Inkor&Co», LLC Sludge reservoir No 1 "Energoimpex LLC"	Donetsk region 3, Saratovska str., Torez, Donetsk region	48.046692	38.55708	0.0260	sludge	4	4.41	0.00	4.4	133
52	Sludge reservoir No 1 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.020784	38.580244	0.1800	coal preparation sludge	4	5.26	0.00	5.3	112
53	Sludge reservoir No 10 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.019873	38.580686	0.0310	coal preparation sludge	4	4.49	0.00	4.5	130
54	Sludge reservoir No 11 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.019609	38.58217	0.0150	coal preparation sludge	4	4.18	0.00	4.2	139
55	Sludge reservoir No 12 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.019371	38.583889	0.0101	–	4	4.00	0.00	4.0	141
56	Sludge reservoir No 13 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.021174	38.582312	0.0070	coal preparation sludge	4	3.85	0.00	3.8	143

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57	Sludge reservoir No 14 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.02122	38.575221	0.0067	coal preparation sludge	4	3.83	0.00	3.8	145
58	Sludge reservoir No 15 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.018807	38.582489	0.0018	coal preparation sludge	4	3.26	0.00	3.3	150
59	Sludge reservoir No 16 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.021311	38.576086	0.0053	coal preparation sludge	4	3.72	0.00	3.7	147
60	Sludge reservoir No 17 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.018519	38.577854	0.0016	coal preparation sludge	4	3.20	0.00	3.2	152
61	Sludge reservoir No 18 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.020136	38.583696	0.0090	coal preparation sludge	4	3.95	0.00	4.0	142
62	Sludge reservoir No 19 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.019332	38.582982	0.0018	coal preparation sludge	4	3.26	0.00	3.3	150
63	Sludge reservoir	3, Saratovska	48.047552	38.548147	0.0210	sludge	4	4.32	0.00	4.3	135

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64	No 2 "Energoimpex LLC" Sludge reservoir No 2 JSC "Central Coal Preparation Plant «Donetska»"	str., Torez, Donetsk region Torez, Donetsk region	48.020523	38.577713	0.0360	coal preparation sludge	4	4.56	0.00	4.6	127
65	Sludge reservoir No 20 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.019428	38.577892	0.0200	coal preparation sludge	4	4.30	0.00	4.3	136
66	Sludge reservoir No 3 "Energoimpex" LLC	3, Saratovska str., Torez, Donetsk region	48.046389	38.560556	0.1700	sludge	4	5.23	0.00	5.2	113
67	Sludge reservoir No 3 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.020787	38.57538	0.0070	coal preparation sludge	4	3.85	0.00	3.8	143
68	Sludge reservoir No 4 "Energoimpex LLC"	3, Saratovska str., Torez, Donetsk region	48.0474067	38.5642606	0.0190	sludge	4	4.28	0.00	4.3	138
69	Sludge reservoir No 4 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.020471	38.582298	0.0126	coal preparation sludge	4	4.10	0.00	4.1	140
70	Sludge reservoir No 5	3, Saratovska	48.047333	38.55335	0.0250	sludge	4	4.40	0.00	4.4	134

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	"Energoimpex LLC"	str., Torez, Donetsk region									
71	Sludge reservoir No 5 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.018982	38.579996	0.0320	coal preparation sludge	4	4.51	0.00	4.5	129
72	Sludge reservoir No 6 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.0199	38.579262	0.0195	coal preparation sludge	4	4.29	0.00	4.3	137
73	Sludge reservoir No 7 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.021877	38.575301	0.0015	coal preparation sludge	4	3.18	0.00	3.2	153
74	Sludge reservoir No 8 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.02196	38.57624	0.0055	coal preparation sludge	4	3.74	0.00	3.7	146
75	Sludge reservoir No 9 JSC "Central Coal Preparation Plant «Donetska»"	Torez, Donetsk region	48.020843	38.583517	0.0040	coal preparation sludge	4	3.60	0.00	3.6	149
76	Sludge reservoir of PJSC "Avdeevka Coke and Chemical Plant"	1, Industrialnyi av., Avdiivka, Donetsk region	48.1825	37.714167	8.0000	tailings	2	6.90	2.00	8.9	6

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77	Sludge reservoir Hrabov Filter Station Yenakiieve regional production management, Public Utility "Company "Water of Donbass"	Andriivka, Donetsk region	48.1375077	38.7132454	0.0350	loam	4	4.54	0.00	4.5	128
78	Sludge reservoir of JSC "Makiivka Integrated Iron and Steel Works"	47, Metalurhiina str. Makiivka, Donetsk region	48.050278	37.939167	1.7600	calx	2	6.25	2.00	8.2	12
79	Joint sludge reservoir PJSC "Yenakiieve Iron and Steel Works"	Belikov Yar gully, Yenakiive, Donetsk region	48.193889	38.252778	3.0000	blast-furnace sludge	3	6.48	1.00	7.5	33
80	Washing waters sediment storage Makiivka Filter Station of Makiivka regional production management, Public Utility "Company "Water of Donbass"	Shyroka gully (4 km west from Krynychna), Krynychna, Donetsk region	48.134476	38.017103	1.6200	suspended matters	4	6.21	0.00	6.2	81
81	Sludge reservoir PJSC "Druzhkovka Hardware Plant"	77, Frunze str., Surovo, Druzhkivka, Donetsk region	48.640016	37.567202	0.1428	neutralization sludge	4	5.15	0.00	5.2	115
82	Sludge reservoir PJSC "Makievskiy Coke-	Vovcha gully, Hirnytskyi dis-	47.995498	37.97089	2.4900	coal preparation	2	6.40	2.00	8.4	10

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	Chemical Plant"	istrict, Makiyivka, Donetsk region				wastes					
83	Sludge reservoir PJSC "Yasinovsky Coke Plant"	62, Lermontova str, Vasylivka, Yasynuvata district, Donetsk region	48.152222	37.88	7.6680	sludge	2	6.88	2.00	8.9	7
84	Sedimentation pond, Separated Unit "Mine «Yasynivska-Hlyboka»" State Enterprise "Makiivuhillya"	Nyzhnya Krynka, Donetsk region	48.11153	38.136655	0.5800	mine water	4	5.76	0.00	5.8	93
85	Mine water sedimentation pond, Mine Kirova-1, Separated Unit "Mine management Kirova" State Enterprise "Makiivuhillya"	Sverdlove, Donetsk region	48.045815	38.081798	0.0272	mine water	4	4.43	0.00	4.4	132
86	Sedimentation pond No 1 – Mine "Schehlivska-Glyboka" hydraulic work, PJSC "Mine management «Donbass»"	1, Tychyny, Chervonohvardiisk district, Makiyivka, Donetsk region	48.068746	37.864102	1.3000	mine water	4	6.11	0.00	6.1	84
87	Sedimentation pond, Separated Unit "Mine	Torez, Donetsk	48.072222	38.573056	0.0551	mine	4	4.74	0.00	4.7	121

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88	«Progress» State Enterprise "Torezanthracite"	region				water					
	Mine waters sedimentation pond, Separated Unit "Mine «Chaikino»" State Enterprise "Makiivuhillia"	Zhukovskoho str., Zhovtneve, Makiyivka, Donetsk region	48.056164	37.936871	0.0040	mine water	4	3.60	0.00	3.6	148
89	Liquid industrial wastes reservoir JSC "Artemivsk VISTEK engineering works"	Artemivsk, Donetsk region	48.568314	38.033761	0.1900	sludge of electro-chemical processing	4	5.28	0.00	5.3	111
90	Liquid wastes reservoir of Privat JSC "Yenakiieve Coke and Chemicals Plant (Koksokhim-prom)"	1, Marata str., Yenakiieve, Donetsk region	48.222314	38.238838	0.0460	resins	1	4.66	3.00	7.7	24
91	Sludge reservoir OJSC "Zaporizhzhya Integrated Iron and Steel Works «Zaporizhstal»"	Horodyska gully, 72, Pivdenne shose, Zaporizhzhya, 69008	47.853121	35.175509	33.0000	foundry sludge	4	7.52	0.00	7.5	31
92	Sludge reservoir OJSC "Zaporizhzhya Integrated Iron and Steel Works «Zaporizhstal»"	Kapustyanka gully, Pivdenne shose, 72, Zapo-	47.863381	35.200887	10.5000	foundry sludges	4	7.02	0.00	7.0	56

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
93	Works «Zaporizhstal» Sludge reservoir (ash storage) HPP OJSC "Oriana"	rizhzhya, 69008 Kalush, Ivano-Frankivsk region	49.061111	24.318056	0.3830	cinder	3	5.58	1.00	6.6	71
94	TMF OJSC "Zavallivskiy graphite works"	Zavallya, Gayvoronskiy district, Kirovohrad region	48.198294	30.052652	2.6500	tailings pulp	4	6.42	0.00	6.4	75
95	TMF in Scherbakivska gully Hydrometallurgical Plant of State Enterprise "East Ore Mining and Processing Enterprise"	Shcherbakivska gully, Petrivskiy district, Kirovograd region	48.302553	33.492351	40.7000	tails	1	7.61	3.00	10.6	1
96	TMF of State Enterprise "Directorate of Kryviy Rih Mining and Processing Plant of Oxidized Ore"	industrial site of Kryvyi Rih Mining and Processing Plant of Oxidized Ore, Dolynska, Kirovograd region	48.160619	32.685115	125.0000	sludge	4	8.10	0.00	8.1	14
97	Ash disposal area of State Enterprise HPP "Severodonetsk"	Severodonetsk, Luhansk region	48.921944	38.464722	3.1400	ash	3	6.50	1.00	7.5	32
98	Sludge tank (TMF)	1, Yeniseyska	48.586389	38.566111	4.8000	coal pre-	3	6.68	1.00	7.7	23

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
99	OJSC "Stakhanov Coal Preparation Plant"	str., Irmine, Teplohirsk, Luhansk region				paration sludge					
	Sludge tank No 1 OJSC «Central Coal Preparation Plant "Naholchanska"»	Orikhove, Luhansk region	48.08912	39.166549	0.9070	flotation wastes	3	5.96	1.00	7.0	59
100	Sludge tank No 2 OJSC «Central Coal Preparation Plant "Naholchanska"»	Verkhniy Naholchyk, Luhansk region	48.076516	39.106736	1.1000	coal preparation sludge	3	6.04	1.00	7.0	54
101	Sludge tank Separated Unit "Group Coal Preparation Plant "Centrosilka", "DTEK Sverdlovanthracite LLC"	Komsomolskyi, Luhansk region	48.125848	39.657103	0.4867	sludge	4	5.69	0.00	5.7	102
102	Sludge tank Separated Unit "Central Coal Preparation Plant «Chervonopartyzansk, Luhansk region of "DTEK Sverdlovanthracite LLC"	Chervonopartyzansk, Luhansk region	48.0581405	39.8106551	0.1940	coal preparation sludge	4	5.29	0.00	5.3	110
103	Section No 2 Sludge Impoundment No 1, Separated Unit "Group Coal Preparation Plant	27, Furmanova str., Yasenovsky, Luhansk region	48.162293	39.183256	75.0000	sludge	4	7.88	0.00	7.9	16

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
104	"Vakhrushevska", "DTEK Rovenki-anthracite LLC" Section No 3 Sludge Impoundment No 2, Separated Unit "Group Coal Preparation Plant "Vakhrushevska", "DTEK Rovenki-anthracite LLC"	27 Furmanova str., Yasenovskyy, Luhansk region	48.162676	39.181231	50.0000	sludge	4	7.70	0.00	7.7	22
105	Section No 4 sludge impoundment No 2 Separated Unit "Group Coal Preparation Plant "Vakhrushevska", "DTEK Rovenki-anthracite LLC"	27 Furmanova str., Yasenovskyy, Luhansk region	48.164312	39.18238	10.0000	sludge	4	7.00	0.00	7.0	57
106	Section No 5 Sludge Impoundment No 2, Separated Unit "Group Coal Preparation Plant "Vakhrushevska", "DTEK Rovenki-anthracite LLC"	27, Furmanova str., Yasenovskyy, Luhansk region	48.160714	39.177451	16.0000	sludge	4	7.20	0.00	7.2	44
107	Section No 6 Sludge Impoundment No 1,	27, Furmanova str., Yasenovskyy,	48.161936	39.181881	74.0000	sludge	4	7.87	0.00	7.9	17

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
108	Separated Unit "Group Coal Preparation Plant "Vakhrushevska", "DTEK Rovenki-anthracite LLC"	Luhansk region									
	Section No 7 Sludge Impoundment No 1, Separated Unit "Group Coal Preparation Plant "Vakhrushevska", "DTEK Rovenki-anthracite LLC"	27, Furmanova str., Yassenovsky, Luhansk region	48.163545	39.181078	35.9000	sludge	4	7.56	0.00	7.6	29
109	Sludge pond No 1 of "Industrial Investment Company "Interkom", LLC	Myrnyi, (north-eastern part Krasnyi Luch), Krasnyi Luch, Luhansk region	48.149221	38.972892	1.5000	coal sludge	2	6.18	2.00	8.2	13
110	Sludge pond No 2, Industrial Investment Company "Intercom", LLC	Myrnyi, (north-eastern part Krasnyi Luch), Krasnyi Luch, Luhansk region	48.149494	38.96902	0.0500	coal preparation sludge	2	4.70	2.00	6.7	64
111	Sludge pond No 3, Industrial Investment Company "Intercom", LLC	Myrnyi, (north-eastern part Krasnyi Luch), Krasnyi Luch,	48.149877	38.972752	0.0400	coal preparation sludge	2	4.60	2.00	6.6	70

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
112	Third section of multi-sectional storage pond, Central Coal Preparation Plant "Yanivska"	Luhansk region Knyahynivka, Luhansk region, 94532	48.1295848	38.8184953	0.1400	sludge	4	5.15	0.00	5.1	116
113	TMF of State Enterprise Group Coal Processing Plant "Luhanska"	Yuvileine, Luhansk region	48.515556	39.193889	8.1300	coal preparation wastes	3	6.91	1.00	7.9	15
114	TMF JSC "Kryvorizke"	1, Ryatuvalna str., Bryanka, Luhansk region	48.535842	38.7375893	2.3800	flotation tailings	3	6.38	1.00	7.4	37
115	Sludge reservoir No 1 Private JSC "Coal Preparation Plant "Krasnolutska"	Pobeda, Krasnyi Luch, Luhansk region	48.1127824	38.9369416	0.0550	sludge	3	4.74	1.00	5.7	96
116	Sludge reservoir No 1, Separated Unit "Group Coal Preparation Plant "Rovenkiska", "DTEK Rovenkianthracite LLC"	2a, Chernyshevskoho str., Rovenki, Luhansk region	48.049081	39.304764	0.0300	pulp	4	4.48	0.00	4.5	131
117	Sludge reservoir No 1 of Separated Unit "Coal Preparation Plant "Novopavlivska" State	Krasnyi Luch, Luhansk region	48.109198	38.947169	0.0370	coal preparation sludge	3	4.57	1.00	5.6	105

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
118	Enterprise "Vuhlezbahachennia" Sludge reservoir No 2 Private JSC "Coal Preparation Plant "Krasnolutska"	Pobeda, Krasnyi Luch, Luhansk region	48.1115933	38.9378214	0.0560	sludge	3	4.75	1.00	5.7	94
119	Sludge reservoir No 2, Separated Unit "Group Coal Preparation Plant "Rovenkivska", "DTEK Rovenkianthracite LLC"	2a, Chernyshevskoho str., Rovenki, Luhansk region	48.050018	39.305927	0.0500	pulp	4	4.70	0.00	4.7	125
120	Sludge reservoir No 2 of Separated Unit "Coal Preparation Plant "Novopavlivska" State Enterprise "Vuhlezbahachennia"	Krasnyi Luch, Luhansk region	48.109671	38.951235	0.0490	coal preparation sludge	3	4.69	1.00	5.7	101
121	Sludge reservoir No 3, Private JSC "Coal Preparation Plant "Krasnolutska"	Pobeda, Krasnyi Luch, Luhansk region	48.125801	38.959357	0.0250	sludge	3	4.40	1.00	5.4	107
122	Sludge reservoir No 3 PJSC "Stakhanov Ferroalloys Plant"	Kalynove, Popasna district, Luhansk region	48.557448	38.562243	0.9250	sludge pulp	4	5.97	0.00	6.0	89
123	Sludge reservoir No 3,	2a, Chernyshe-	48.051009	39.308562	0.0450	pulp	4	4.65	0.00	4.7	126

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
124	Separated Unit "Group Coal Preparation Plant "Rovenkivska", "DTEK Rovenkianthracite LLC"	vskoho str., Rovenki, Luhansk region									
124	Sludge reservoir No 3 of Separated Unit "Coal Preparation Plant "Novopavlivska" State Enterprise "Vuhlezbahachennia"	Krasnyi Luch, Luhansk region	48.108274	38.954476	0.0220	coal preparation sludge	3	4.34	1.00	5.3	109
125	Sludge reservoir No 3 State Enterprise "Group Coal Preparation Plant "Slovianoserbska"	Zymohiria, Slovianoserbsk district, Luhansk region	48.574772	38.880834	1.4000	coal preparation sludge	4	6.15	0.00	6.1	83
126	Sludge reservoir No 4, Private JSC "Coal Preparation Plant "Krasnolutska"	Pobeda, Krasnyi Luch, Luhansk region	48.128318	38.945617	0.0110	sludge	3	4.04	1.00	5.0	118
127	Sludge reservoir No 4 Separated Unit "Coal Preparation Plant "Novopavlivska" State Enterprise "Vuhlezbahachennia"	Krasnyi Luch, Luhansk region	48.108898	38.94954	0.1800	coal preparation sludge	3	5.26	1.00	6.3	78
128	Sludge reservoir No 5 Private JSC "Coal Proces-	Pobeda, Krasnyi Luch, Luhansk	48.110773	38.939682	2.3320	sludge	3	6.37	1.00	7.4	38

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
129	Sludge reservoir No 5, Separated Unit "Group Coal Preparation Plant "Rovenkivska", "DTEK Rovenkianthracite LLC"	2a, Chernyshevskoho str., Rovenki, Luhansk region	48.0493	39.307117	0.0530	pulp	4	4.72	0.00	4.7	123
130	Sludge reservoir No 5 Separated Unit "Coal Preparation Plant "Novopavlivska" State Enterprise "Vuhlezbahachennia"	Krasnyi Luch, Luhansk region	48.107386	38.954765	0.0130	coal preparation sludge	3	4.11	1.00	5.1	117
131	Sludge reservoir No 6, Private JSC "Coal Preparation Plant "Krasnolutska"	Pobeda, Krasnyi Luch, Luhansk region	48.127568	38.946617	0.0070	sludge	3	3.85	1.00	4.8	120
132	Sludge reservoir No 6, Separated Unit "Group Coal Preparation Plant "Rovenkivska", "DTEK Rovenkianthracite LLC"	2a, Chernyshevskoho str., Rovenki, Luhansk region	48.050172	39.304777	0.0530	pulp	4	4.72	0.00	4.7	123
133	Sludge reservoir of Group Coal Processing Plant "Vakhrushevskia"	Yasenovsky, Luhansk region	48.163526	39.181855	2.0000	–	3	6.30	1.00	7.3	40
134	Sludge reservoir of State	Severodonetsk,	48.926512	38.475837	0.5000	sludge	3	5.70	1.00	6.7	64

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
	Enterprise "Severodonezhsk HPP"	Luhansk region		1		water					
135	Sludge reservoir of "DonUhol-Alians LLC"	Krasnyi Luch, Luhansk region	48.145875	38.939738	0.1630	sludge water	4	5.21	0.00	5.2	114
136	Concrete sludge reservoir No 4 "Industrial Investment Company "Interkom", LLC	Myrnyi, (northeastern part Krasnyi Luch), Krasnyi Luch, Luhansk region	48.148767	38.971575	0.0050	coal preparation sludge	2	3.70	2.00	5.7	99
137	Sludge reservoir OJSC Ore Mining and Processing factory "Bilorichenska"	Bilorichenskyi, Lutuhinskyi district, Luhansk region	48.463999	39.040926	6.2000	flotation wastes	3	6.79	1.00	7.8	19
138	Water engineering construction of TMF complex, Separated Unit "Central Coal Preparation Plant «Sverdlovska»" of "DTEK Sverdlovantracit", LLC	Sverdlovsk, Luhansk region	48.017373	39.719815	13.7000	tailings	2	7.14	2.00	9.1	4
139	Mine waters joint sedimentation pond, "Taliivska" and "Orikhivska" mines	Krasnodon, Luhansk region	48.322193	39.641401	0.6900	mine water	4	5.84	0.00	5.8	90
140	TMF No 2 of SE Central	20a, Khmelnyts-	50.341451	24.238952	3.4150	–	3	6.53	1.00	7.5	30

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
141	Concentrating Factory "Chervonohradska"	kogo str., Chervonohrad, Lviv region									
141	TMF No 2 of Novorozdilsk State Mining and Chemical Enterprise "Sirka"	Hirnycha str., 2, Novyi Rozdil, Lviv region	49.448127	24.121113	18.6000	flotation slurry	1	7.27	3.00	10.3	2
142	TMF of Stebnyk State Mining and Chemical Enterprise "Polimineral"	127, Drohobytka str. Stebnyk, Lviv region	49.31665	23.582185	13.1000	brine	2	7.12	2.00	9.1	5
143	Sludge reservoir OJSC "Refinery complex «Halychyna»"	82, Boryslavska str., Drohobych, Lviv region	49.335393	23.47348	0.3080	oil sludge	3	5.49	1.00	6.5	74
144	Sludge reservoir of alumina production "Mykolaiv Alumina Plant", LLC	62a, Artema str., Mykolayiv	46.753056	31.95	22.8000	sludge	4	7.36	0.00	7.4	39
145	Landfill of disposal heavy metals salts OJSC "Frehat Plant"	Pervomaisk, Mykolaiv region	48.056324	30.908759	0.0550	heavy metals salts sedimentation	2	4.74	2.00	6.7	62
146	TMF of sludge facility department of OJSC "Poltava Ore Mining and Processing Plant"	16 Budivelnykiv str., Komso-molsk, Poltava region	49.010826	33.70582	14.7000	tailings	4	7.17	0.00	7.2	47
147	Sludge storage	Kharkivska str,	50.849108	34.883038	20.1660	sludge	3	7.30	1.00	8.3	11

No	Column heading	Location of the TMF site			Volume of stored tailings materials, Mio m3	Tailing materials		THI_Capacity	THI_Toxicity	THI	TMF hazard/risk rank
		Region, city/district	Latitude	Longitude		Material stored	Hazard Class				
148	PJSC "Sumykhimprom" Ash dump of "Teploelektrocentral" branch	Sumy enterprise area, Eskhar, Chuhuiv district, Kharkiv region	49.800000	36.605833	0.6500	ash	4	5.81	0.00	5.8	91
149	Sludge reservoir of Water Treatment Complex Second blok "Dnipro", Separated Unit of Public Utility Company "Kharkivvodokanal"	1, Kiltseva str., Krasnopavlivka, Lozova district, Kharkiv region	49.126084	36.306645	3.7500	treatment facilities sedimentation	3	6.57	1.00	7.6	26
150	Sludge storage JSC "Novoselivka Mining and Processing Plant"	Novoselivka, Nova Vodolaha district, Kharkiv region	49.686541	35.835288	0.4560	quartz sand processing sludge	4	5.66	0.00	5.7	104
151	Ash dump HPP Darnytska of PJSC "Eco-Standart"	20, Chervonohvardiyska str., Kiev	50.421585	30.62993	3.6000	sludge	3	6.56	1.00	7.6	28
152	TMF No 1 OJSC "Oriana"	Kalush, Ivano-Frankivsk region	49.044166	24.297852	14.0000	halite stones	4	7.15	0.00	7.1	48
153	TMF No 2 OJSC "Oriana"	Kalush, Ivano-Frankivsk region	49.051944	24.287222	10.7000	halite stones and brines	4	7.03	0.00	7.0	55

TMF data provided under the contract No 1/12-14 dated 21.08.2014 between "Center for Environmental Audit and clean technology", SPE (Customer) and research institute of micrographs State Archival Service of Ukraine (Performer)

Presented TMF data are displayed on the map, available at the link: <https://www.google.com/maps/d/edit?hl=en&authuser=0&mid=z3Wlu5VKPkek.ktvgFdtVB7rQ>