

**EXECUTIVE SUMMARY ON
DRAFT ENVIRONMENTAL MANAGEMENT PLAN**

FOR

SAND GHATS

AT

AHMEDMNAGAR DISTRICT

STATE – MAHARASHTRA

FOR PUBLIC HEARING FOR 122 SAND GHATS

PROPONENT

DISTRICT MINING OFFICER, COLLECTOR OFFICE, AHMEDNAGAR

CONSULTANT

ENVIRO TECHNO CONSULT PRIVATE LIMITED

68, MAHAKALI NAGAR-2
NEAR MANEWADA SQUARE
NAGPUR 440 024

OCTOBER 2022

Introduction :

District Collector, Ahmednagar intends to auction sand ghats and appointed District Mining Officer Ahmednagar as project proponent as per sand mining guidelines dated 28.01.2022. This proposal for public hearing is submitted for consideration of prior environmental clearances by SEIAA, Maharashtra by Project Proponent as District Mining Officer and the successful bidder of sand ghat. Total 122 sand ghats are identified by Taluka level Technical Committee chaired by Tahsildar and Dy. Engineer Irrigation, Junior Geologist, Directorate of Geology and Mining, Junior Geologist G.S.D.A., representative of Maharashtra Pollution Control Board for scooping of sand by manual method.

List of sand ghats proposed for auction prior environmental clearance are as below

Table 1.0 Details of Sand Ghat :

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Sr. No,	Sand Ghat	River	S. N.	Nearest Gut No.	Length	Breadth	Area	Total Depth (m)	Approved Depth (m)	Total Available Sand (Brass)	Haulage Length	Haulage Width	No. of Labours	No. of Tractors	Plantation along River Bank	Plantation alongRoad	Water Required	EMP Cost
					(m)	(m)	(in Ha)				(m)	(m)					cum/day	in Rs. Lakhs
1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Taluka - Newasa																		
1	Khupti 1	Pravara	1	182, 197 to 200	753	56	4.22	3	1	14900	699	4	68	57	377	699	2.36	14.26
2	Khupti 2	Pravara	2	202 to 205	735	54	3.97	3	1	14025	1589	4	68	54	367	1589	2.36	20.27
3	Khupti 3	Pravara	3	206 to 208, 210, 212	524	55	2.88	3	1	10184	590	4	48	40	262	590	1.96	11.99
4	Khupti 4	Pravara	4	214, 231, 232, 233अ, 233ब	537	55	2.95	3	1	10436	1722	4	48	40	269	1722	1.96	19.84
5	Amalner	Mula	5	18 to 20, 30, 38 to 42, 52 to 54/2, 56 to 65	1236	29	3.58	4	2	25331	899	4	78	97	618	899	2.56	19.06
Total					3785	249	17.6057	16	6	74876								
Taluka Shrigonda																		
6	Ajnuj	Bhima	1	444 to 472, 486, 493, 495, 505, 504	287	37	1.06	2.9	0.9	3377	1521	4	38	14	144	1521	1.78	16.28
7	Angare	Bhima	2	41 to 45, 33, 35, 17, 23, 16, 13, 10, 9, 7, 6, 141 to 143, 145 to 155, 119 to 121	801	17	1.36	2.5	0.5	2406	473	4	28	9	400	473	1.56	9.85
8	Kashti	Ghod	3	1140 to 1164, 1185 to 1200, 1212 to 1218	1120	14	1.57	2.6	0.6	3324	1712	4	38	13	560	1712	1.78	19.64
9	Sangvi Dumla	Bhima	4	197, 198, 213 to 275	1554	14	2.18	2.6	0.6	4613	535	4	38	18	777	535	1.78	17.57
10	Gar	Bhima	5	136	982	18	1.77	2.6	0.6	3748	1057	4	38	14	491	1057	1.78	14.77
Total					4744	100	7.9348	13.2	3.2	17468								
Taluka Parner																		
11	Kurund	Ghod	1	336/1, 336/2, 337	450	35	1.58	2.5	0.5	2783	1143	4	28	11	225	1143	1.56	13.78
Total					450	35	1.575	2.5	0.5	2783								
Taluka Shevgaon																		
12	Mungi 1	Godavari	1	1, 2, 3, 5/1, 5/2	375	42	1.58	3	1	5565	223	4	48	21	186	223	1.96	7.89
13	Mungi 2	Godavari	2	6, 7, 8, 10, 12	385	42	1.62	3	1	5714	1657	4	48	22	193	1657	1.96	12.59
14	Mungi 3	Godavari	3	216, 217, 214, 402	352	30	1.06	3	1	3731	2183	4	38	14	176	2183	1.76	21.08
15	Mungi 4	Godavari	4	688 to 694, 698, 633, 636, 89	700	45	3.15	3	1	11131	2048	4	58	43	350	2048	2.16	22.86
16	Kharadgaon	Nani	5	480 to 485, 488 to 490, 436, 437, 438	524	20	1.05	3	1	3703	1028	4	38	14	262	1028	1.76	13.42
Total					2336	179	8.446	15	5	29844								
Taluka Sangamner																		
17	Ashvi Bu 1	Pravara	1	131, 132, 124, 125, 128	925	50	4.63	2.5	0.5	8171	589	4	48	31	463	589	1.96	12.39
18	Ashvi Bu 2	Pravara	2	48, 49, 50, 51, 52, 53, 54, 56, 59	400	50	2	2.5	0.5	3534	379	4	38	14	200	379	1.76	8.57
19	Shibalapur	Pravara	3	299, 300, 301, 308, 309, 310, 311	540	32	1.73	2.5	0.5	3053	425	4	28	12	270	425	1.56	9.03
20	Nandur Khandarmal	Mula	4	Nr Dam Land Acquisition ₹ 581, 582, 583, 584, 585, 586, 587	485	21	1.02	2.5	0.5	1800	2390	4	28	7	243	2390	1.56	22.38

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21	Jambut 1	Mula	5	Jambut Bu.28, 30, 33 to 38 Jambut Khu241, 258 to 265, 267, 270	405	45	1.82	2.5	0.5	3220	1015	4	38	12	202	1015	1.76	12.92
22	Jambut 2	Mula	6	Jambut Bu.10 to 25, 27, 28 Jambut Khu70, 78	510	35	1.79	2.5	0.5	3154	1046	4	38	12	255	1046	1.76	13.4
Total					3265	233	12.979	15	3	22932								
Taluka Shrirampur																		
23	Wangi Khurd	Pravara	1	1,2,3,4,5,6,7,8,21	1542	30	4.63	2.4	0.4	6539	1990	4	48	25	1990	771	1.96	23.41
24	Ukkalgaon	Pravara	2	30, 31, 32, 33, 34, 40, 41, 42, 43, 44	548	20	1.1	2.8	0.8	3098	1495	4	38	12	1495	274	1.76	16.64
25	Waladgaon	Pravara	3	15,12,8,9,10,6,144,4,5,3	720	15	1.08	2.9	0.9	3435	700	4	38	14	700	360	1.76	11.62
26	Eklahare	Pravara	4	58, 59, 60, 61	507	20	1.01	2.8	0.8	2866	250	4	38	11	250	253	1.76	7.77
27	Naygaon 1	Godavari	5	373, 374, 375	505	65	3.28	4	2	23198	765	4	78	89	765	253	2.56	15.66
28	Naygaon 2	Godavari	6	329, 330	425	72	3.06	4	2	21625	1380	4	78	83	1380	213	2.56	19.44
29	Galnimb	Pravara	7	225, 224, 223, 16, 226	700	50	3.5	3	1	12367	386	4	68	48	386	350	2.36	11.44
30	Wangi Bu 1	Pravara	8	101	450	30	1.35	3	1	4770	2126	4	48	19	2126	225	1.96	21.19
31	Wangi Bu 2	Pravara	9	2	337	30	1.01	2.9	0.9	3215	1936	4	28	13	1936	169	1.56	19.62
32	Govardhanpur	Godavari	10	11, 117, 118	785	30	2.36	3	1	8321	840	4	58	32	840	393	2.16	13.75
33	Matulthan1	Godavari	11	281, 282, 283, 284	264	58	1.53	2.9	0.9	4870	2140	4	48	19	2140	132	1.96	20.83
34	Matulthan 2	Godavari	12	293, 294	195	75	1.46	3	1	5168	410	4	38	20	410	98	1.76	8.61
35	Matulthan 3	Godavari	13	7,8,9,10,11,14,17,18	390	46	1.79	4	2	12678	330	4	68	49	330	195	2.36	10.33
36	Kadit Khu	Pravara	14	1,15,16	450	54	2.43	3	1	8587	200	4	58	33	200	225	2.16	8.69
37	Kadit Bu	Pravara	15	12,17,15,14,13,19,20, 22,8,9,10,18	838	59	4.94	3	1	17471	1260	4	78	67	1260	419	2.56	18.95
38	Padhegaon	Pravara	16	20,32,51	229	45	1.03	3	1	3641	2800	4	38	14	2800	115	1.76	25.09
39	Fatyabad	Pravara	17	3, 2, 1, 182, 181, 180, 179, 178	834	54	4.5	3	1	15914	660	4	68	61	660	417	2.36	14.1
40	Khanapur	Godavari	18	21, 220	1170	38	4.45	3	1	15710	341	4	68	60	341	585	2.36	12.96
41	Malunja Bu	Pravara	19	69, 70, 80	330	39	1.29	3	1	4548	1440	4	38	18	165	1440	1.76	16.04
42	Bherdapur 1	Pravara	20	28	470	22	1.03	3	1	3654	1077	4	38	15	235	1077	1.76	13.56
43	Bherdapur 2	Pravara	21	20, 22	390	27	1.05	2.6	0.6	2232	790	4	28	8	195	790	1.56	10.99
44	Kuranpur	Pravara	22	2, 1, 258, 257, 256, 255, 250/1, 249, 248, 241, 242, 243	1300	38	4.94	3	1	17456	100	4	58	50	650	100	2.16	11.05
45	Mandve	Pravara	23	8, 9, 181, 182, 184, 199, 187, 1, 2, 3	1100	45	4.95	3	1	17491	620	4	58	50	550	620	2.16	14.19
Total					14479	962	57.7805	70.3	24.3	218854								
Taluka Rahuri																		
46	Deswandi	Mula	1	42, 46 & 289	350	80	2.8	3	1	9894	1495	4	58	38	175	1495	2.16	17.78
47	Rampur	Pravara	2	369, 370	290	35	1.02	2.9	0.9	3228	519	4	38	12	145	519	1.76	9.16
48	Walan	Mula	3	38, 39, 41, 45	280	47	1.32	2.6	0.6	2790	1170	4	28	11	140	1170	1.56	13.54
49	Digras	Mula	4	15, 50, 76, 133, 171, 172, 173, 174	170	60	1.02	3	1	3604	345	4	38	14	85	345	1.76	7.76
50	Mhaisgaon	Mula	5	70, 71, 72, 73, 74, 90, 91, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 133, 134, 136, 137, 139, 140	249	56	1.39	2.5	0.5	2464	1160	4	28	9	125	1160	1.56	13.29
51	Mahegaon	Pravara	6	307, 308, 309, 310, 311, 312	210	50	1.05	3	1	3710	562	4	38	14	105	562	1.76	9.37
52	Chikhalthan	Mula	7	242, 243, 245	240	56	1.34	2.5	0.5	2375	1063	4	28	9	120	1063	1.56	12.58

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53	Bodhegaon	Pravara	8	42, 43, 103	650	50	3.25	3	1	11484	2785	4	58	44	325	2785	2.16	27.89
54	Dhanore 1	Pravara	9	335, 336, 345, 347, 348, 358, 359, 360	500	70	3.5	2.5	0.5	6184	80	4	48	24	250	80	1.96	7.38
55	Dhanore 2	Pravara	10	361, 362, 363	570	79	4.5	2.5	0.5	7956	160	4	48	31	285	160	196	8.5
56	Dhanore 3	Pravara	11	371, 372	440	70	3.08	2.5	0.5	5442	160	4	38	21	220	160	1.76	7.52
57	Chandegaon 1	Pravara	12	217, 218, 13	440	55	2.42	3	1	8551	1380	4	48	33	220	1380	1.96	16.82
58	Chandegaon 2	Pravara	13	35, 36, 39, 40, 41, 43	700	70	4.9	3	1	17314	2471	4	68	67	350	2471	2.36	27.08
59	Baragaon Nandur 1	Mula	14	447, 446, 445, 448	250	42	1.05	2.9	0.9	3339	1691	4	38	13	125	1691	1.76	17.42
60	Baragaon Nandur 2	Mula	15	431/2/5, 431/2/4, 431/2/2	240	42	1.01	2.5	0.5	1781	578	4	28	7	120	578	1.56	9.08
61	Baragaon Nandur 3	Mula	16	428, 426, 407	250	48	1.2	2.5	0.5	2120	391	4	28	8	125	391	1.56	7.85
Total					5829	910	34.85	43.9	11.9	92236								
Taluka Karjat																		
62	Sidhstek 1	Bhima	1	4,5,6,7,8,9,10,11,19,20, 21,22,24,28,29	310	46	1.43	3	1	5039	364	4	38	19	155	364	1.76	8.51
63	Deulwadi	Bhima	2	3	923	46	4.25	2.6	0.6	9002	380	4	48	35	462	380	1.96	11.14
64	Jalalpur 1	Bhima	3	347, 348, 349, 371 to 379, 381, 382, 383	650	26	1.69	2.7	0.7	4180	345	4	38	16	325	345	1.76	9.07
65	Jalalpur 2	Bhima	4	327 to 332, 334 to 339, 344, 345	630	27	1.7	2.8	0.8	4808	415	4	38	18	315	415	1.76	9.62
66	Berdi 1	Bhima	5	62 to 69	600	40	2.4	2.5	0.5	4240	973	4	38	16	300	973	1.76	13.34
67	Berdi 2	Bhima	6	4 to 9	500	40	2	2.5	0.5	3534	1134	4	38	14	250	1134	1.76	14.1
68	Berdi 3	Bhima	7	222 to 228	550	40	2.2	2.5	0.5	3887	1189	4	38	15	275	1189	1.76	14.67
69	Khed 1	Bhima	8	69, 70, 71	350	30	1.05	2.6	0.6	2226	505	4	28	9	175	505	1.76	8.95
70	Ganeshwadi	Bhima	9	218 to 224, 233, 235, 236	950	25	2.38	2.5	0.5	4196	494	4	38	16	475	494	1.76	10.8
71	Sitpur	Sina	10	4,5,6,8,9	921	14	1.29	3	1	4556	346	4	38	18	460	346	1.76	9.86
72	Dudhodi 1	Bhima	11	13 to 30	800	18	1.44	3	1	5088	795	4	38	20	400	795	1.76	12.81
73	Dudhodi 2	Bhima	12	276 to 316/8	800	14	1.12	3	1	3958	915	4	38	15	400	915	1.76	13.38
74	Dudhodi 3	Bhima	13	213 to 225	500	20	1	3	1	3534	1587	4	38	14	250	1587	1.76	17.27
75	Dudhodi 4	Bhima	14	180 to 316/13	550	20	1.1	3	1	3887	386	4	38	15	275	386	1.76	16.05
76	Autewadi	Bhima	15	25	200	50	1	3	1	3534	1136	4	38	14	100	1136	1.76	13.37
77	Nagapur	Sina	16	63, 64, 65, 66, 67, 68, 1, 2	550	20	1.1	3	1	3887	421	4	38	15	275	421	1.76	9.29
78	Nimbodi	Sina	17	94, 95, 98, 99, 100	500	20	1	3.5	1.5	5300	433	4	38	20	250	433	1.76	9.53
79	Taradgaon	Sina	18	6, 7, 8, 9, 10, 11, 12	250	40	1	3	1	3534	856	4	38	14	125	856	1.76	11.53
80	Dighi	Sina	19	87, 88, 89, 90, 91, 93	520	20	1.04	3.5	1.5	5512	300	4	38	21	260	300	1.76	8.7
81	Babhulgaon Du.	Nandni	20	56, 57	510	22	1.12	2.6	0.6	2379	860	4	28	9	255	860	1.56	11.84
82	Bhambhora 1	Bhima	21	313 to 328, 756, 757, 758	800	60	4.8	3	1	16961	2063	4	68	65	400	2063	2.36	24.36
83	Bhambhora 2	Bhima	22	709, 761, 762, 755, 763, 764, 746, 745, 744, 743	800	50	4	3	1	14134	2744	4	58	54	400	2744	2.16	28.52
84	Malthan	Sina	23	1, 2, 5, 9, 10, 21, 22	725	24	1.74	2.8	0.8	4919	332	4	38	19	363	332	1.76	9.33
Total					13889	712	41.8392	66.1	20.1	122295								
Taluka Jamkhed																		
85	Pimparkhed	Vincharana	1	10, 74, 581, 589	288	38	1.09	2.5	0.5	1934	851	4	28	8	144	850	1.56	11.16
86	Chaundi 1	Sina	2	93, 92, 91, 90, 73/1	547	36	1.97	2.6	0.6	4175	2249	4	36	16	270	2250	1.76	22.12
87	Aaghi	Sina	3	43, 44, 45, 42, 41	356	32	1.14	2.8	0.8	3220	1021	4	36	13	180	1020	1.76	12.9
88	Kawadgaon	Sina	4	44, 49, 50, 51, 57, 58, 59, 61	405	32	1.3	2.5	0.5	2290	705	4	28	9	200	700	1.56	10.45

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89	Chaundi 2	Sina	5	408, 403, 402, 401, 400, 375	536	36	1.93	2.5	0.5	3409	1859	4	28	13	270	1590	1.56	19.23
Total					2132	174	7.4284	12.9	2.9	15028								
Taluka Rahata																		
90	Rastapur	Godavari	1	12	520	95	4.94	3	1	17456	1225	4	68	67	260	1225	2.36	17.88
91	Puntamba 1	Godavari	2	48, 49	425	110	4.68	3	1	16519	1213	4	68	64	212	1213	2.36	17.37
92	Puntamba 2	Godavari	3	50	430	110	4.73	3	1	16714	2741	4	68	65	215	2741	2.36	28.13
93	Puntamba 3	Godavari	4	14, 15	278	82	2.28	2.5	0.5	4028	3422	4	38	16	139	3422	1.76	29.67
94	Durgapur	Pravara	5	81, 119, 109, 170, 108, 169, 156, 128, 122, 127, 121, 91	550	22	1.21	3	1	4276	600	4	38	16	225	600	1.76	10.35
95	Pathare Bu 1	Pravara	6	13 to 17, 29, 30, 40 to 44 आणि गावठाण	318	35	1.11	3	1	3933	244	4	38	15	244	244	1.76	7.47
96	Pathare Bu 2	Pravara	7	45 to 51, 53, 55, 58, 59 to 64	427	35	1.49	3	1	5281	192	4	38	20	215	192	1.76	7.66
97	Pathare Bu 3	Pravara	8	65 to 80	653	35	2.29	3	1	8076	535	4	48	30	325	535	1.96	11.27
98	Hanmantgaon 1	Pravara	9	30 to 37, 68 to 70, 71, 74, 76 to 79, 80, 81, 85, 86 to 91, 119 to 126	592	31	1.84	3	1	6485	679	4	48	25	679	679	1.96	11.77
99	Hanmantgaon 2	Pravara	10	137, 140, 142, 145, 146	384	41	1.57	3	1	5563	524	4	48	22	524	524	1.96	9.98
100	Dadh Bu	Pravara	11	129 to 132, 156 to 158, 151 to 154, 149, 142 to 146, 136 to 147	1145	24	2.75	3	1	9710	844	4	58	37	844	844	2.16	14.95
101	Bhagwatipur 1	Pravara	12	12, 13, 14, 15, 16	580	45	2.61	3	1	9223	1321	4	48	35	240	1321	1.96	16.62
102	Bhagwatipur 2	Pravara	13	7, 8	720	45	3.24	3	1	11449	1277	4	48	40	360	1277	1.96	17.4
Total					7022	710	34.7352	38.5	12.5	118713								
Taluka Kopargaon																		
103	Wari	Godavari	1	125	450	40	1.8	3	1	6360	808	4	38	25	225	800	1.76	23.51
104	Dauch Khurd	Godavari	2	74, 75	175	60	1.05	2.5	0.5	1855	1527	4	28	7	90	1500	1.56	15.43
105	Jeur Kumbhari	Godavari	3	142	155	85	1.32	3	1	4655	1339	4	38	18	75	1340	1.76	14.89
106	Sanwatsar	Godavari	4	199, 195, 193	180	60	1.08	3	1	3816	662	4	38	15	90	660	1.76	10.04
107	Chandgavhan	Godavari	5	12, 13, 14, 18, 22	980	40	3.92	3	1	13852	1170	4	58	53	490	1170	2.16	16.88
108	Murshatpur	Godavari	6	6	140	75	1.05	4	2	7420	807	4	48	29	70	800	1.96	11.8
109	Dharangaon 1	Godavari	7	189, 187, 174, 185, 184	650	75	4.88	3	1	17226	1460	4	78	66	325	1460	2.56	19.85
110	Dharangaon 2	Godavari	8	4, 14, 15, 16	690	60	4.14	3	1	14629	720	4	68	56	360	720	2.12	14.17
111	Jeur Patoda	Godavari	9	3, 2, 86, 85, 84	120	90	1.08	3	1	3816	367	4	28	15	60	370	1.56	7.75
112	Manjur	Godavari	10	71, 72, 73, 74, 75, 83, 84, 95, 96	591	35	2.07	2.4	0.4	2924	970	4	28	12	300	970	1.56	13
113	Mahegaon Deshmukh 1	Godavari	11	326, 338, 339, 340	550	90	4.95	3	1	17491	2029	4	78	67	275	2000	2.56	23.15
114	Mahegaon Deshmukh 2	Godavari	12	5	300	105	3.15	3	1	11131	1380	4	58	43	150	1380	2.16	17.02
115	Dauch Bu	Godavari	13	214, 52, 225, 218, 219, 1, 2, 3, 96, 4, 8, 6, 7	223	45	1	3	1	3546	805	4	38	14	110	800	1.76	11.08
116	Sangvi Bhusar	Godavari	14	387, 381, 380, 379, 368, 367, 388	225	45	1.01	3	1	3578	720	4	38	14	110	700	1.76	10.41
117	Maygaon Devi	Godavari	15	187,164,163,162,161,153, 152, 142, 141, 140, 139, 132, 131, 118, 117	524	70	3.67	3	1	12961	810	4	58	50	262	810	2.16	14.08
118	Malegaon Thadi	Godavari	16	33, 32, 570	315	70	2.21	3	1	7792	670	4	48	30	158	670	1.96	11.38

Executive summary Ahmednagar Sand Ghats

119	Suregaon 1	Godavari	17	523, 522, 521, 476, 520, 517, 515, 514, 511, 508	810	53	4.29	3	1	15170	850	4	58	58	405	850	2.16	15.51
120	Suregaon 2	Godavari	18	16, 291, 537, 535, 534, 533, 532, 531, 528, 527, 524	880	52	4.58	3	1	16170	855	4	68	62	440	855	2.12	15.94
121	Suregaon 3	Godavari	19	17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 28, 29	920	52	4.78	3	1	16905	690	4	68	65	460	690	2.12	15.05
122	Kolgaon Thadi	Godavari	20	8, 15, 21, 27, 28, 29, 144, 1, 5, 7	420	53	2.23	3	1	7866	500	4	48	30	210	500	1.96	10.45
Total					9298	1255	54.249	59.9	19.9	189163								
All Total					67229	5519	279.42	353.3	109.3	904192								

● **Status of Statutory Clearances for Sand Ghat**

Name & Address of Allottee	District Mining Officer Ahmednagar / Successful Bidder Ahmednagar District, Ahmednagar
Status of the lease	New, Individual/ Project Proponent/Successful Bidder for auction of sand ghat by District Collector Ahmednagar.
Mineral for which lessee intends to mine	Ordinary Sand for Construction purpose
Name & Address of the Prospecting Agency	Taluka level Technical Committee chaired by Tahsildar and Dy. Engineer Irrigation, Junior Geologist, Directorate of Geology and Mining, Junior Geologist G.S.D.A., representative of Maharashtra Pollution Control Board.
Grampanchayat NOC	Received from Gramsabha as per public consultation procedure defined in sand mining guidelines of Maharashtra State dated 28.01.2022.
Plan Period for Activity	Up to one year from the date of allotment of sand ghat or up to scooping of Allotted/Permitted quantity mined out, whichever is earlier excluding stipulated monsoon period between 10 June -30 September

● **Method of Mining :**

The mining will be manual opencast mining method of scooping using simple tool like spade/pawdas.

- a. Over burden/Soil Removal:
No overburden/Soil is anticipated.
- b. Scooping of Sand /Loading
The ordinary sand will be loaded manually by labours.
- c. Hauling
Ordinary sand is transported through tractors /trucks with permissible quantity.
- d. No machinery will be utilized.
- e. Period of scooping of sand will be for one year excluding monsoon period of 10th June -30th Sept or as defined by district collector.

Executive summary Ahmednagar Sand Ghats

- About 28-50 labours per sand ghat will be required.
- The site services will be provided by allottee/Successful Bidder, Office, First Aid and Rest Shelters will be temporarily constructed 20m away from the bank of river.
- Applied area for sand extraction is covered by dark basalt and which has been derived/ transported from black basalt of surrounding flat and well tilled area. The sand of the applied area is found to be underlain by dark basalt of the river bed.
- Anticipated Environmental impacts and Management Plan

A summary of air pollution control measures is given below:

S. No	Impact Source	Impact	Control measure
1	Transport Road	On Air Quality On Land / Rd stability/ Rd degradation	● Compaction, gradation and drainage on both sides & development of green belts ● Proper maintenance. ● Regular water spraying. ● Avoiding over filling of tractor and consequent spillage on the roads ● Air quality will be monitoring at impacted village.
2	Truck/ Tractor Movement	Air Quality	● No overloading of trucks. ● Sand carrying trucks will be effectively covered by tarpaulin to avoid escape of fines to the atmosphere. ● Enforcing speed limit. ● Regular monitoring of the exhaust fumes. ● No Engine of tractor/truck will be kept on during the filling. ● If possible entry be restricted to river bed
3	Ramp and Sand Reach	Mining Operations	● Regular ramp Inspection and Ramp maintenance ● Provision of dusk masks. ● Mining will be done during day time between fixed

			hours only.
4	Bank Management	Bank Erosion/ Flood Plain management	• Green belt along bank • Plantation of wide leaf tall trees on banks and grass along slanting portion of bank.

● **Occupational Health and Services**

1	Occupational Health & Safety Measures to Control Dust Inhalation	Safety of Workers and Mining Operations	• Providing a working environment that is conducive to safety & health • The management of occupational safety & health is the prime responsibility of mine owner. • Provision of necessary personal protective equipments • Ensuring employees at all levels receive appropriate training and are competent to carry out their duties and responsibilities • Provision of First Aid and Drinking Water, Temporary rest Room
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● **Noise control measures will be provided in the proposed crushing and screening plant.**

- In addition, personnel working near high noise level generating sources will be provided with ear muffs
- No equipment generating Noise excluding tractor/truck will be permitted.
- No tractor engine will be kept idle.
- Conduct periodic audiometric tests for employees working close to high noise generating areas such as compressors, the loading and unloading sections, etc
- Provision of PPE's will be made and their proper usage will be ensured for hearing protection of the workers as well as visitors.

● **Traffic Management**

- The mineral transporting vehicles will be registered with the forest department/revenue department and only registered vehicles will be used for mineral transport.
- The PUC certificate for exhaust emissions for all the transport vehicles will be made mandatory.
- All the vehicles will be properly maintained to control emissions and noise generation.
- Drivers of all the vehicles will strictly follow traffic rules.
- Speeds of the mineral transport vehicles will be regulated.
- Overloading of the tractors will not be allowed
- The mineral transporting tractors will be properly covered with tarpaulin to avoid fugitive emissions.
- Batch transport system will be adopted in consultation with the other sand ghat operators in the area to avoid excess traffic at a time on the road.
- Mineral transportation will be done only during day time only.
- Strict action will be taken against any driver, who do not comply the traffic rules.

● **Plantation program**

It is proposed to plant local species during the monsoon period along bank of river and village roads.

List of Species Proposed for green Belt Development

Local species like Neem, peepal, subabul, Karanj, Gulmohar etc will be planted.

- Successful Bidder/ Sand Ghat allottee will implement the Environmental Management Plan for the amount as per Table 1.0 on his own.

Successful Bidder/ Sand Ghat allottee will submit compliance to terms of conditions stipulated in the prior environmental clearance to the District Mining Officer and respective Tahsildar with

the expenses made on implementation of environmental management plan.

District Mining Officer/respective Tahsildar will monitor the implementation of approved environmental management plan along with District Level Committee headed by District Collector as stipulated in Sand Mining Rules 2022.