

WETLANDS ECOSYSTEM HEALTH CARD BORKHED TALAB, DISTRICT ALIRAJPUR

COORDINATES - 22°18'29"N 74°20'24"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.37	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	7.60	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	1.47	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	13.33	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1.0	7.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.4

Wetland Score	0.76	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD GADAT TALAB, DISTRICT ALIRAJPUR

COORDINATES - 22°16'58"N 74°20'33"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.27	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	8.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	1.20	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	14.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1.0	7.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.4

Wetland Score	0.76	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD – BARWANI TALAB, DISTRICT BARWANI

COORDINATES - 22° 01'12"N 74°54'18"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.17	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	8.13	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	0.67	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	12.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	C

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1.0	7.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	1	0.6	0.6
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.2

Wetland Score	0.75	C-
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD BORLAY TALAB, DISTRICT BARWANI

COORDINATES - 22° 01'18"N 74°59'47"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.20	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	8.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	1.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	15.33	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1	7.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.4

Wetland Score	0.76	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD Malfalya Talab, District Burhanpur

COORDINATES - 21°32'21"N 75°57'37"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.80	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	8.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	1.60	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	14.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	A

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	8	1.0	8.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.6

Wetland Score	0.78	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD – BHAINSAKHEDI TALAB, TONKKHURD, DISTRICT DEWAS

COORDINATES - 23°06'11"N 76°17'29"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.98	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	6.50	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	2.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	10	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	C

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1	7.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	1	0.6	0.6
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.2

Wetland Score	0.75	C-
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD – MEETHA TALAB, DEWAS

COORDINATES - 22°57'47"N 76° 04'04"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2015-16)	pH value	6.5 – 8.5	8.10	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	10.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	6.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	24.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	21-30%	<10%	11-20%	21-30%	31-40%	More than 40%	C

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map not prepared	Wetlands map prepared and approved by GoI & GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	6	1.0	6.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	1	0.6	0.6
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	4	0.2	0.8
	11	TOTAL	7.4

Wetland Score	0.67	D
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD JETPUR TALAB, DISTRICT DHAR

COORDINATES - 22°36'12"N 75°19'59"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.17	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	7.07	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	0.80	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	11.33	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	C

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1.0	7.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	1	0.6	0.6
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.2

Wetland Score	0.75	C-
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD – MUNJ SAGAR, DEVI & DHOOP SAGAR (WETLAND COMPLEX)

Coordinates - (MUNJ SAGAR 22°36'06"N 75°17'41"E), (DEVI SAGAR 22°35'49"N 75°17'07"E), (DHOOP SAGAR 22°35'10"N 75°17'07"E)

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.35	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	5.60	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	D
		Biological Oxygen Demand	3 mg/l or less	3.70	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	B
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	35.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	B
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	Management Plan under preparation	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	D
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	5	1	5.0
Number of indicators in Rank B	3	0.8	2.4
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	2	0.4	0.8
Number of indicators in Rank E	1	0.2	0.2
	11	TOTAL	8.4

Wetland Score	0.76	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

INDORE MUNICIPAL COORPORATION, INDORE (M.P.)

WETLANDS ECOSYSTEM HEALTH CARD – BILAWALI LAKE, INDORE, COORDINATES - 22°39'31"N 75°52'17"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.50	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	9.20	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	2.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	8.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	<10%	<10%	11-20%	21-30%	31-40%	More than 40%	A

		*Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map under Preparation	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	D
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	8	1	8.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	1	0.4	0.4
Number of indicators in Rank E	2	0.2	0.4
	11	TOTAL	8.8

Wetland Score	0.80	C+
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*Note - Bird species recorded but abundance data not available.

Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

INDORE MUNICIPAL COORPORATION, INDORE (M.P.)

WETLANDS ECOSYSTEM HEALTH CARD – HUKMAKHEDI LAKE, INDORE, COORDINATES - 22°39' 49" N 75°49' 51" E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.67	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	4.0	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Biological Oxygen Demand	3 mg/l or less	1.8	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	25.68	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	B
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	6	1	6.0
Number of indicators in Rank B	2	0.8	1.6
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.2

Wetland Score	0.75	C-
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*Note - Bird species recorded but abundance data not available.

Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

NAGAR PALIKA NIGAM, INDORE (M.P.)

WETLANDS ECOSYSTEM HEALTH CARD – NIPANIA LAKE, INDORE, COORDINATES - 22°45' 28" N 75°55' 57" E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.35	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	5.60	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	3.70	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	35.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	<10%	<10%	11-20%	21-30%	31-40%	More than 40%	A

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	B
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1.0	7.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.4

Wetland Score	0.80	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

INDORE MUNICIPAL COORPORATION, INDORE (M.P.)

WETLANDS ECOSYSTEM HEALTH CARD – PIPALIYAPALA TALAB, INDORE, COORDINATES - 22°40'35"N 75°51'37"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.30	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	8.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	4.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	16.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	<10%	<10%	11-20%	21-30%	31-40%	More than 40%	A

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map under Preparation	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	D
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1	7.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	1	0.4	0.4
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.0

Wetland Score	0.73	C-
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD – YESHWANT SAGAR TALAB, DISTRICT INDORE

COORDINATES - 22°49'16"N 75°41'36"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.10	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	7.60	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	2.80	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	12.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map under Preparation	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	D
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1	7.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	1	0.4	0.4
Number of indicators in Rank E	2	0.2	0.4
	11	TOTAL	8.6

Wetland Score	0.78	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

NAGAR PALIKA PARISHAD, MEGHNAGAR, DISTRICT JHABUA (M.P.)

WETLANDS ECOSYSTEM HEALTH CARD – BADA TALAB, MEGHNAGAR, COORDINATES - 22°54'06"N 74°32'10"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	8.10	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	8.80	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	7.20	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	24.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map not prepared	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	6	1	6.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	4	0.2	0.8
	11	TOTAL	7.6

Wetland Score	0.69	D
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

NAGAR PALIKA PARISHAD, RANAPUR, DISTRICT JHABUA (M.P.)

WETLANDS ECOSYSTEM HEALTH CARD – RANA SAGAR TALAB, COORDINATES - 22°38'48"N 74°31'22"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.90	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	10.80	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	10.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	32.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map not prepared	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	6	1	6.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	4	0.2	0.8
	11	TOTAL	7.6

Wetland Score	0.69	D
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD ARDALA TALAB, PANDHANA DISTRICT KHANDWA

COORDINATES - 21°41'14"N 76°12'49"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.60	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	7.07	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	1.07	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	12.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	C

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	7	1.0	7.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	1	0.6	0.6
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.2

Wetland Score	0.75	C-
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD – NAGCHOON TALAB, KHANDWA

COORDINATES - 21°52'10"N 76°19'22"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2015-16)	pH value	6.5 – 8.5	7.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	2.40	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Biological Oxygen Demand	3 mg/l or less	6.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	E
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	16.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	B

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map under Preparation	Wetlands map prepared and approved by GoI & GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	D
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	5	1.0	5.0
Number of indicators in Rank B	1	0.8	0.8
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	1	0.4	0.4
Number of indicators in Rank E	4	0.2	0.8
	11	TOTAL	7.0

Wetland Score	0.64	D
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD BHAGWANPURA TALAB, DISTRICT KHARGONE

COORDINATES - 22° 06'02"N 76°10'34"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.70	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	7.33	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	0.27	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	18.00	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	A

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	8	1.0	8.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.6

Wetland Score	0.78	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60

WETLANDS ECOSYSTEM HEALTH CARD SEAGAON TALAB, DISTRICT KHARGONE

COORDINATES - 21°45'40"N 75°26'22"E

S. No	Features	Indicator	Desired Value	Actual Value	Category					Score
					A	B	C	D	E	
1.	Area	% wetland converted to non-wetland use since year 2000	0%	0%	0%	1-5%	6-10%	11-20%	More than 20%	A
2.	Hydrology and Catchments	Ratio of number of natural inlets choked and diverted to total number of natural inlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
		Ratio of number of natural outlets choked and diverted to total number of natural outlets	<0.2	0.0	0-0.2	0.3-0.4	0.4-0.6	0.7-0.8	More than 0.8	A
3.	Water Quality (2019-20)	pH value	6.5 – 8.5	7.67	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Dissolved Oxygen	6mg/l or more	6.93	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Biological Oxygen Demand	3 mg/l or less	1.33	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
		Chemical Oxygen Demand (*for urban wetland)	<50mg/l	17.33	80-100% sample meet the criteria	60-80% sample meet the criteria	40-60% sample meet the criteria	20-40% sample meet the criteria	Less than 20% sample meet the criteria	A
4.	Biodiversity	% wetland area covered by invasive Macrophytes	<10%	11-20%	<10%	11-20%	21-30%	31-40%	More than 40%	A

		Annual Bird Species Richness	-	-	-	-	-	-	-	-
5.	Governance	Clearly demarcated wetlands map	Wetlands map prepared and approved by SWA/ GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared and approved by GoMP	Wetlands map prepared and under consideration of SWA	Wetlands map prepared but not placed in SWA	Wetlands map under Preparation	Wetlands map not prepared	E
		Wetlands management plan	Management Plan prepared by nodal/Implementing agency and approved by GoI	No Management Plan	Management Plan prepared and approved by GoI	Management Plan prepared and submitted to GoI	Management Plan prepared, not submitted to GoI	Management Plan under preparation	No Management Plan	E
		Wetlands Notification	Wetlands notified under extant regulation	No regulation	Notification under Wetland Rule (2017)	Draft notification	Regulation under process	Regulation planned, process initiated	No regulation	E

	Frequency	Assigned	Weight
Number of indicators in Rank A	8	1.0	8.0
Number of indicators in Rank B	0	0.8	0.0
Number of indicators in Rank C	0	0.6	0.0
Number of indicators in Rank D	0	0.4	0.0
Number of indicators in Rank E	3	0.2	0.6
	11	TOTAL	8.6

Wetland Score	0.78	C+
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Remark
A+ If indicator score between 1 to 0.95
A- If indicator score between 0.91 to 0.95
B+ If indicator score between 0.86 to 0.90
B- If indicator score between 0.81 to 0.85
C+ If indicator score between 0.76 to 0.80
C- If indicator score between 0.71 to 0.75
D If indicator score between 0.60 to 0.70
E If indicator score between Below 0.60