



Test Report

Sample Number : SKS/A/01
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050001/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Govt. School Village Muhar
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/03/FPS/03
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 10:00 Hrs to 10:00 Hrs.
Ambient Temperature (°C) : Min. 27°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	70.26	µg/m3	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	35.43	µg/m3	60
3	Nitrogen Dioxides (as NO2)	IS: 5182 (P-6)	21.43	µg/m3	80
4	Sulphar Dioxide (as SO2)	IS: 5182 (P-2)	13.92	µg/m3	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m3	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m3	1.0
7	Ozone (as O3)	IS: 5182 (P-9)	5.29	µg/m3	180
8	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m3	6.0
9	Benzene (as C6H6)	IS: 5182 (P-11): 2006	*BLQ(**LOQ - 1.0)	µg/m3	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ - 0.5)	µg/m3	1.0
11	Ammonia (as NH3)	IS: 5182 (P-25): 2018	10.21	µg/m3	400.0

SKS / TP / PN 1784



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TC-6652

Test Report

Sample Number : SKS/A/01

Report No. : SKS/A/2305050001/A

*BLO - Below Limit of Quantification, **LOQ - Limit Of Quantification.

End of Report



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**Test Report**

Sample Number : SKS/A/01
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050001/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Govt. School Village Muhar
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/03/FPS/03
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 10:00 Hrs to 10:00 Hrs.
Ambient Temperature (°C) : Min. 27°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.85	mg/m ³	4.0

*BLO - Below Limit of Quantification, **LOQ - Limit Of Quantification.

End of Report



SKS / TP / PN 1786



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TC-6652

Test Report

Sample Number : SKS/A/02

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050002/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Near Washery Buliding (Project Site)
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/04/FPS/04
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 10:30 Hrs to 10:30 Hrs.
Ambient Temperature (°C) : Min. 27°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	76.72	µg/m ³	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	35.26	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS: 5182 (P-6)	20.57	µg/m ³	80
4	Sulphar Dioxide (as SO ₂)	IS: 5182 (P-2)	13.36	µg/m ³	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m ³	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m ³	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m ³	6.0
8	Ozone (as O ₃)	IS: 5182 (P-9)	7.21	µg/m ³	180
9	Benzene (as C ₆ H ₆)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m ³	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ 0.5)	µg/m ³	1.0
11	Ammonia (as NH ₃)	IS: 5182 (P-25): 2018	12.10	µg/m ³	400.0



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Test Report

Sample Number : SKS/A/02

Report No. : SKS/A/2305050002/A

*BLQ -Below Limit of Quantification,**LOQ -Limit Of Quantification.

End of Report



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**Test Report**

Sample Number : SKS/A/02

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050002/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Near Washery Buliding (Project Site)
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/04/FPS/04
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 10:30 Hrs to 10:30 Hrs.
Ambient Temperature (°C) : Min. 27°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.82	mg/m3	4.0

*BLQ -Below Limitr of Quantification,**LOQ -Limit Of Quantification.

End of Report



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TC-6652

Test Report

Sample Number : SKS/A/03
Name & Address of the Party : M/s R.K. Transport & Construction,
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050003/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Village - Karwa
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/05/FPS/05
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 11:00 Hrs to 11:30 Hrs.
Ambient Temperature (°C) : Min. 27°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	69.89	µg/m3	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	32.24	µg/m3	60
3	Nitrogen Dioxides (as NO2)	IS: 5182 (P-6)	20.80	µg/m3	80
4	Sulphar Dioxide (as SO2)	IS: 5182 (P-2)	13.67	µg/m3	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m3	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m3	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m3	6.0
8	Ozone (as O3)	IS: 5182 (P-9)	6.21	µg/m3	180
9	Benzene (as C6H6)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m3	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ -0.5)	µg/m3	1.0
11	Ammonia (as NH3)	IS: 5182 (P-25): 2018	13.10	µg/m3	400.0



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TC-6652

Test Report

Sample Number : SKS/A/03

Report No. : SKS/A/2305050003/A

*BLQ -Below Limit Of Quantification,**LOQ -limit Of Quantification.

End of Report



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**Test Report**

Sample Number : SKS/A/03

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050003/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Village - Karwa
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/05/FPS/05
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 11:00 Hrs to 11:30 Hrs.
Ambient Temperature (°C) : Min. 27°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.72	mg/m3	4.0

*BLQ -Below Limit Of Quantification,**LOQ -limit Of Quantification.

End of Report



SKS/STP/PN1792



Test Report

Sample Number : SKS/A/04
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050004/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information
Sampling Location : Primary School Near Chamarkoh
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/03/FPS/03
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 10:30 Hrs to 10:30 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	71.20	µg/m ³	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	32.84	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS: 5182 (P-6)	20.67	µg/m ³	80
4	Sulphar Dioxide (as SO ₂)	IS: 5182 (P-2)	13.59	µg/m ³	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m ³	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m ³	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m ³	6.0
8	Ozone (as O ₃)	IS: 5182 (P-9)	7.50	µg/m ³	180
9	Benzene (as C ₆ H ₆)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m ³	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ -0.5)	µg/m ³	1.0
11	Ammonia (as NH ₃)	IS: 5182 (P-25): 2018	11.26	µg/m ³	400.0





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TC-6652

Test Report

Sample Number : SKS/A/04

Report No. : SKS/A/2305050004/A

*BLQ -Below Limit Of Quantification,**LOQ - Limit Of Quantification.

End of Report



SKS / TP / PN1794

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**Test Report**

Sample Number : SKS/A/04

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050004/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Primary School Near Chamarkoh
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/03/FPS/03
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 10:30 Hrs to 10:30 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.69	mg/m3	4.0

*BLQ -Below Limit Of Quantification,**LOQ - Limit Of Quantification.

End of Report



SKS / TP / PN1795

**Test Report**

Sample Number : SKS/A/05
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050005/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Village raghav nagar Near Singrauli Railway Station
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/04/FPS/04
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 11:00 Hrs to 11:00 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	77.33	µg/m ³	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	40.51	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS: 5182 (P-6)	23.19	µg/m ³	80
4	Sulphar Dioxide (as SO ₂)	IS: 5182 (P-2)	15.23	µg/m ³	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m ³	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m ³	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m ³	6.0
8	Ozone (as O ₃)	IS: 5182 (P-9)	7.65	µg/m ³	180
9	Benzene (as C ₆ H ₆)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m ³	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ -0.5)	µg/m ³	1.0
11	Ammonia (as NH ₃)	IS: 5182 (P-25): 2018	13.65	µg/m ³	400.0





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TC-6652

Test Report

Sample Number : SKS/A/05

Report No. : SKS/A/2305050005/A

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1 7 9 7

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**Test Report**

Sample Number : SKS/A/05

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050005/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Village raghav nagar Near Singrauli Railway Station
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/04/FPS/04
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 11:00 Hrs to 11:00 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 41°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.72	mg/m3	4.0

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report





Test Report

Sample Number : SKS/A/06
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050006/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Near Thana Village Gorbi
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/05/FPS/05
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 11:30 Hrs to 11:30 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	67.28	µg/m ³	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	30.14	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS: 5182 (P-6)	19.03	µg/m ³	80
4	Sulphar Dioxide (as SO ₂)	IS: 5182 (P-2)	10.71	µg/m ³	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m ³	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m ³	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m ³	6.0
8	Ozone (as O ₃)	IS: 5182 (P-9)	8.32	µg/m ³	180
9	Benzene (as C ₆ H ₆)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m ³	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ -0.5)	µg/m ³	1.0
11	Ammonia (as NH ₃)	IS: 5182 (P-25): 2018	12.30	µg/m ³	400.0





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TC-6652

Test Report

Sample Number : SKS/A/06

Report No. : SKS/A/2305050006/A

*BLO - Below Limit Of Quantification, **LOQ -Limit Of Quantification.

End of Report



SKS / TP / PN1800

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**Test Report**

Sample Number : SKS/A/06

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050006/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Near Thana Village Gorbi
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/05/FPS/05
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 11:30 Hrs to 11:30 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 41°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.69	mg/m3	4.0

*BLQ -Below Limit Of Quantification, **LOQ -Limit Of Quantification.

End of Report



**Test Report**

Sample Number : SKS/A/07

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050007/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Village - Tikunitola
Sample Collected by : SKS Team (Mr. Gajendra Tyagi)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/03/FPS/03
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 03/05/2023 To 04/05/2023
Time of Monitoring : 11:00 Hrs to 11:00 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 40°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	70.39	µg/m ³	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	35.74	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS: 5182 (P-6)	20.35	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS: 5182 (P-2)	13.22	µg/m ³	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m ³	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m ³	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m ³	6.0
8	Ozone (as O ₃)	IS: 5182 (P-9)	9.20	µg/m ³	180
9	Benzene (as C ₆ H ₆)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m ³	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ -0.5)	µg/m ³	1.0
11	Ammonia (as NH ₃)	IS: 5182 (P-25): 2018	14.28	µg/m ³	400.0





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TC-6652

Test Report

Sample Number : SKS/A/07

Report No. : SKS/A/2305050007/A

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / TP / PN 1803

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**Test Report**

Sample Number : SKS/A/07
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050007/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Village - Tikunitola
Sample Collected by : SKS Team (Mr. Gajendra Tyagi)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/03/FPS/03
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 03/05/2023 To 04/05/2023
Time of Monitoring : 11:00 Hrs to 11:00 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 40°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.72	mg/m3	4.0

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1804



Test Report

Sample Number : SKS/A/08
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050008/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Near Nigahi Coal Mine
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/04/FPS/04
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 03/05/2023 To 04/05/2023
Time of Monitoring : 11:30 Hrs to 11:30 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 40°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM-10)	IS : 5182 (P-23)	79.69	µg/m ³	100
2	Particulate Matter (as PM-2.5)	IS: 5182 (P-24)	47.92	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS: 5182 (P-6)	24.34	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS: 5182 (P-2)	16.14	µg/m ³	80
5	Nickel (as Ni)	USEPA Compendium IO-3.2	*BLQ(**LOQ - 5.0)	ng/m ³	20
6	Lead (as Pb)	IS: 5182 (P- 22)	*BLQ(**LOQ -0.02)	µg/m ³	1.0
7	Arsenic (as AS)	SKS/STP/AA/11, Issue No. 01, Issue Date 01.07.2022	*BLQ(**LOQ - 1.0)	ng/m ³	6.0
8	Ozone (as O ₃)	IS: 5182 (P-9)	7.43	µg/m ³	180
9	Benzene (as C ₆ H ₆)	IS: 5182 (P-11): 2006	*BLQ(**LOQ -1.0)	µg/m ³	5.0
10	Benzo(a) Pyrene	IS: 5182 (P-12): 2004	*BLQ(**LOQ -0.5)	µg/m ³	1.0
11	Ammonia (as NH ₃)	IS: 5182 (P-25): 2018	13.85	µg/m ³	400.0





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TC-6652

Test Report

Sample Number : SKS/A/08

Report No. : SKS/A/2305050008/A

*BLQ - Below Limit Of Quantification, **LOQ - Limit Of Quantification.

End of Report



SKS/TP/PN1763

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**Test Report**

Sample Number : SKS/A/08
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/A/2305050008/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023

Sample Description : Ambient Air

General Information

Sampling Location : Near Nigahi Coal Mine
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : SKS/RDS/04/FPS/04
Instrument Calibration Status : Calibrated
Latitude : --
Longitude : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 03/05/2023 To 04/05/2023
Time of Monitoring : 11:30 Hrs to 11:30 Hrs.
Ambient Temperature (°C) : Min. 26°C, Max. 40°C
Surrounding Activity : Humen, Vehicular & Other Activities
Scope of Monitoring : Regulatory Required
Sampling & Analysis Protocol : SKS/STP/AA/01
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	SKS/STP/AA/17, Issue No. 01, Issue Date 01.07.2022	0.73	mg/m3	4.0

*BLO - Below Limit Of Quantification, **LOQ - Limit Of Quantification.

End of Report



SKS / TP / PN1764



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TC-6652

Test Report

Sample Number : SKS/AN/01

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989; IS 9876
Instrument Used : SLM

Report No. : SKS/N/2305050001/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Receipt Date : 05/05/2023

Sampling Duration : 24 Hrs

Sample Collected by : SKS Team (Mr. krishkant Singh)

Instrument : Calibrated

Calibration Status

General Information

Sampling Location : Near Water Tank (Project Site)
Instrument Code : SKS/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 01/05/2023 To 02/05/2023
Time of Monitoring : 06.00 AM TO 06.00 AM
Ambient Temperature (°C) : Min. 27°C Max. 41°C
Surrounding Activity : Human, Vehicular & Other Activities
Parameter Required : As Per Work Order

S.No.	Test Parameters	Test Method	Test Result dB (A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	64.06	54.73

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM

3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



SKS / T / P / N 1765

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**Test Report**

Sample Number : SKS/AN/02

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/N/2305050002/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Receipt Date : 05/05/2023

Sampling Duration : 24 Hrs

Sample Collected by : SKS Team (Mr. Krishkant Singh)

Instrument : Calibrated

Calibration Status

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989: IS 9876
Instrument Used : SLM**General Information**Sampling Location : Shiv Mandir Near Gorbi village
Instrument Code : SKS/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 02/05/2023 To 03/05/2023
Time of Monitoring : 06.00 AM TO 06.00 AM
Ambient Temperature (°C) : Min. 26°C Max. 41°C
Surrounding Activity : Human, Vehicular & Other Activities
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	62.76	52.43

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM

3. Silence Zone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



SKS / TP / PN 1766



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TC-6652

Test Report

Sample Number : SKS/AN/03

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989: IS 9876
Instrument Used : SLM

Report No. : SKS/N/2305050003/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Receipt Date : 05/05/2023

Sampling Duration : 24 Hrs

Sample Collected by : SKS Team (Mr. Krishkant Singh)

Instrument : Calibrated

Calibration Status

General Information

Sampling Location : Waidhan Road Singrauli Near Mayaram Mahavidyalaya
Instrument Code : SKS/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 03/05/2023 To 04/05/2023
Time of Monitoring : 06.00 AM TO 06.00 AM
Ambient Temperature (°C) : Min. 26°C Max. 40°C
Surrounding Activity : Human, Vehicular & Other Activities
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	65.06	53.73

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM

3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



SKS/TP/PN1767

Page No. 1/1

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**Test Report**

Sample Number : SKS/GW/01

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)Sample Description : Water Sample (Ground Water)
Location : Plant Office (Project Site) Borewell
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Preservation : Suitable Preservation
Sampling and Analysis Protocol : SKS/STP/W/1ULR No. : TC665223000000105F
Report No. : SKS/W/2305050001/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 02/05/2023
Sampling Quantity : 5 Ltr.+ 500 ml
Sampling Type : Grab
Longitude :
Latitude :

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
1	pH	IS: 3025 (P-11) -2022	7.31	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (P-10) : 1984	*BLQ(**LOQ -1.0)	NTU	1	5
3	Calcium (as CaCO ₃)	IS 3025 (P-40) : 1991	40.21	mg/L	75	200
4	Chloride (as Cl)	IS 3025 (P-32) :1988	41.80	mg/L	250	1000
5	Fluoride (as F)	APHA (23rd Edition) 4500FD: 2017	*BLQ(**LOQ -0.2)	mg/L	1.0	1.5
6	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ -2.0)	mg/L	0.2	1.0
7	Magnesium (as Mg)	IS 3025 (P-46) : 1994	18.84	mg/L	30	100
8	Nitrate (as NO ₃)	IS 3025 (P-34) (Chromotropic Method): 1988	2.0	mg/L	45.0	No Relaxation
9	Phenolic Compounds (as C ₆ H ₅ OH)	(APHA 23rd Edition) 5530C: 2017	*BLQ(**LOQ 0.10)	mg/L	0.001	0.002
10	Sulphate (as SO ₄)	IS 3025 (P-24)/Sec-1: 2021	58.09	mg/L	200	400
11	Total Alkalinity (as CaCO ₃)	IS 3025 (P-23) : 1986	196.96	mg/L	200	600
12	Total Dissolved Solids	IS 3025 (P-16): 1984	325.0	mg/L	500	2000
13	Total Hardness (CaCO ₃)	IS 3025 (P-21): 2009	177.84	mg/L	200	600
14	Boron (as B)	APHA (23rd Edition) Method No. 4500B: 2017	*BLQ(**LOQ -0.2)	mg/L	0.5	1.0
15	Cadmium (as Cd)	APHA (23rd Edition) 3030D, 3113B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.003	No Relaxation
16	Chromium (as Cr)	APHA (23rd Edition) Year Method No. 3113B : 2017	*BLQ(**LOQ -0.05)	mg/L	0.05	No Relaxation
17	Copper (as Cu)	APHA (23rd Edition) Method No. 3111B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.05	1.5
18	Lead (as Pb)	APHA (23rd Edition) 3030D, 3113B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.01	No Relaxation
19	Mercury (as Hg)	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.001)	mg/L	0.01	No Relaxation
20	Selenium (as se)	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.005)	mg/L	0.01	No Relaxation



**Test Report**

Sample Number : SKS/GW/01

ULR No. : TC665223000000105F

Report No. : SKS/W/2305050001/A

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
21	Zinc (as Zn)	APHA (23rd Edition), 3030D, 3113B: 2017	*BLQ(**LOQ -0.20)	mg/L	5.0	15.0
22	Arsenic	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.05)	mg/L	--	--
23	Aluminium (as Al)	IS 3025 (P-55): 2003	*BLQ(**LOQ - 0.03)	mg/L	0.03	0.2
24	Sulphide	IS 3025 (P-29): 1986	*BLQ(**LOQ -0.20)	mg/L	0.05	No Relaxation
25	Cyanide (as CN)	APHA 23rd Edition 2017 4500CN D	*BLQ(**LOQ -0.2)	mg/L	0.05	No Relaxation
26	Ammonia (as N)	IS 3025 (P-34): 1988	*BLQ(**LOQ -0.3)	mg/L	0.5	No Relaxation
27	Total Coliform	IS 1622: 1981	Absent	Per 100 ml	Shall not be Detectable in 100ml	--
28	E Coli	IS 15185 : 2016	Absent	Per 100 ml	Shall not be Detectable in 100ml	--

*BLQ -Below Limit Of Quantification, **LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1 7 4 2

**Test Report**

Sample Number : SKS/GW/01
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/W/2305050001/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 02/05/2023
Sampling Quantity : 5 Ltr.+ 500 ml
Sampling Type : Grab
Longitude :
Latitude :

Sample Description : Water Sample (Ground Water)
Location : Plant Office (Project Site) Borewell
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Preservation : Suitable Preservation
Sampling and Analysis Protocol : SKS/STP/W/1

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS: 3025 (P-4) RA 2017	*BLQ(**LOQ 1.0)	Hazen	5	15
2	Odour	IS 3025 (P-5) :RA 2017	Agreeable	--	Agreeable	Agreeable
3	Taste	IS 3025(P-8): 1984 RA 2017	Agreeable	mg/L	Agreeable	Agreeable
4	Anionic Detergents (as MBAS)	APHA 23rd Edition 2017, 5540C.	*BLQ(**LOQ -0.02)	mg/L	0.2	1.0

*BLQ-Below Limit Of Quantification, **LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1 7 4 3



Test Report

Sample Number : SKS/GW/02

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Sample Description : Water Sample (Ground Water)
Location : Borewell Near Raghav Nagar
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Preservation : Suitable Preservation
Sampling and Analysis Protocol : SKS/STP/W/1

ULR No. : TC665223000000106F
Report No. : SKS/W/2305050002/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 02/05/2023
Sampling Quantity : 5 Ltr.+500 ml
Sampling Type : Grab
Longitude : -
Latitude :

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
1	pH	IS: 3025 (P-11) -2022	7.51	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (P-10) : 1984	*BLQ(**LOQ 1.0)	NTU	1	5
3	Calcium (as CaCO ₃)	IS 3025 (P-40) : 1991	36.38	mg/L	75	200
4	Chloride (as Cl)	IS 3025 (P-32) :1988	53.20	mg/L	250	1000
5	Fluoride (as F)	APHA (23rd Edition) 4500FD: 2017	*BLQ(**LQO -0.20)	mg/L	1.0	1.5
6	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ -2.0)	mg/L	0.2	1.0
7	Magnesium (as Mg)	IS 3025 (P-46) : 1994	8.98	mg/L	30	100
8	Nitrate (as NO ₃)	IS 3025 (P-34) (Chromotropic Method): 1988	2.63	mg/L	45.0	No Relaxation
9	Phenolic Compounds (as C ₆ H ₅ OH)	(APHA 23rd Edition) 5530C: 2017	*BLQ(**LOQ -0.10)	mg/L	0.001	0.002
10	Sulphate (as SO ₄)	IS 3025 (P-24)/Sec-1: 2021	44.50	mg/L	200	400
11	Total Alkalinity (as CaCO ₃)	IS 3025 (P-23) : 1986	100.50	mg/L	200	600
12	Total Dissolved Solids	IS 3025 (P-16): 1984	228.0	mg/L	500	2000
13	Total Hardness (CaCO ₃)	IS 3025 (P-21): 2009	127.68	mg/L	200	600
14	Boron (as B)	APHA (23rd Edition) Method No. 4500B: 2017	*BLQ(**LOQ -0.2)	mg/L	0.5	1.0
15	Cadmium (as Cd)	APHA (23rd Edition) 3030D, 3113B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.003	No Relaxation
16	Chromium (as Cr)	APHA (23rd Edition) Year Method No. 3113B : 2017	*BLQ(**LOQ -0.05)	mg/L	0.05	No Relaxation
17	Copper (as Cu)	APHA (23rd Edition) Method No. 3111B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.05	1.5
18	Lead (as Pb)	APHA (23rd Edition) 3030D, 3113B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.01	No Relaxation
19	Mercury (as Hg)	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ 0.001)	mg/L	0.01	No Relaxation
20	Selenium (as se)	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.005)	mg/L	0.01	No Relaxation





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TC-6652

Test Report

Sample Number : SKS/GW/02

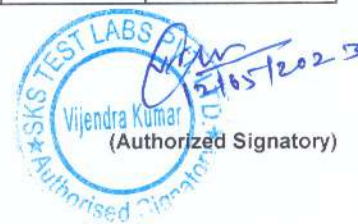
ULR No. : TC665223000000106F

Report No. : SKS/W/2305050002/A

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
21	Zinc (as Zn)	APHA (23rd Edition), 3030D, 3113B: 2017	*BLQ(**LOQ -0.20)	mg/L	5.0	15.0
22	Arsenic	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.001)	mg/L	--	--
23	Aluminium (as Al)	IS 3025 (P-55): 2003	*BLQ(**LQO -0.03)	mg/L	0.03	0.2
24	Sulphide	IS 3025 (P-29): 1986	*BLQ(**LOQ 0.20)	mg/L	0.05	No Relaxation
25	Cyanide (as CN)	APHA 23rd Edition 2017 4500CN D	*BLQ(**LOQ -0.02)	mg/L	0.05	No Relaxation
26	Ammonia (as N)	IS 3025 (P-34): 1988	*BLQ(**LOQ -0.3)	mg/L	0.5	No Relaxation
27	Total Coliform	IS 15185 : 2016	Absent	Per 100ml	Shall Not Be detectable in 100ml	--
28	E Coli	IS 15185 : 2016	Absent	Per 100ml	Shall Not Be detectable in 100ml	--

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



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**Test Report**

Sample Number : SKS/GW/02
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/W/2305050002/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 02/05/2023
Sampling Quantity : 5 Ltr.+500 ml
Sampling Type : Grab
Longitude : -
Latitude :

Sample Description : Water Sample (Gound Water)
Location : Borewell Near Raghav Nagar
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Preservation : Suitable Preservation
Sampling and Analysis Protocol : SKS/STP/W/1

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS: 3025 (P-4) RA 2017	*BLQ(**LOQ -1.0)	Hazen	5	15
2	Odour	IS 3025 (P-5) :RA 2017	Agreeable	--	Agreeable	Agreeable
3	Taste	IS 3025(P-8): 1984 RA 2017	Agreeable	mg/L	Agreeable	Agreeable
4	Anionic Detergents (as MBAS)	APHA 23rd Edition 2017, 5540C.	*BLQ(**LOQ -0.005)	mg/L	0.2	1.0

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / TP / PN 1746

**Test Report**

Sample Number : SKS/GW/03

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Sample Description : Water Sample (Ground Water)

Location : Borewell Near Gorbi Village

Sample Collected by : SKS Team (Mr. Krishkant Singh)

Preservation : Suitable Preservation

Sampling and Analysis Protocol : SKS/STP/W/1

ULR No. : TC665223000000107F

Report No. : SKS/W/2305050003/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sampling Date : 02/05/2023

Sampling Quantity : 5 Ltr.+ 500 ml

Sampling Type : Grab

Longitude : -

Latitude : -

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
1	pH	IS: 3025 (P-11) -2022	7.91	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (P-10) : 1984	*BLQ(**LQO - 1.0)	NTU	1	5
3	Calcium (as CaCO ₃)	IS 3025 (P-40) : 1991	51.17	mg/L	75	200
4	Chloride (as Cl)	IS 3025 (P-32) :1988	39.90	mg/L	250	1000
5	Fluoride (as F)	APHA (23rd Edition) 4500FD: 2017	*BLQ(**LOQ -0.20)	mg/L	1.0	1.5
6	Free Residual Chlorine	IS 3025 (P-26): 2021	*BLQ(**LOQ -2.0)	mg/L	0.2	1.0
7	Magnesium (as Mg)	IS 3025 (P-46) : 1994	7.76	mg/L	30	100
8	Nitrate (as NO ₃)	IS 3025 (P-34) (Chromotropic Method): 1988	3.0	mg/L	45.0	No Relaxation
9	Phenolic Compounds (as C ₆ H ₅ OH)	(APHA 23rd Edition) 5530C: 2017	*BLQ(**LOQ -0.10)	mg/L	0.001	0.002
10	Sulphate (as SO ₄)	IS 3025 (P-24)/Sec-1: 2021	53.28	mg/L	200	400
11	Total Alkalinity (as CaCO ₃)	IS 3025 (P-23) : 1986	140.70	mg/L	200	600
12	Total Dissolved Solids	IS 3025 (P-16): 1984	390.0	mg/L	500	2000
13	Total Hardness (CaCO ₃)	IS 3025 (P-21): 2009	159.60	mg/L	200	600
14	Boron (as B)	APHA (23rd Edition) Method No. 4500B: 2017	*BLQ(**LOQ -0.2)	mg/L	0.5	1.0
15	Cadmium (as Cd)	APHA (23rd Edition) 3030D, 3113B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.003	No Relaxation
16	Chromium (as Cr)	APHA (23rd Edition) Year Method No. 3113B : 2017	*BLQ(**LOQ -0.05)	mg/L	0.05	No Relaxation
17	Copper (as Cu)	APHA (23rd Edition) Method No. 3111B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.05	1.5
18	Lead (as Pb)	APHA (23rd Edition) 3030D, 3113B: 2017	*BLQ(**LOQ -0.05)	mg/L	0.01	No Relaxation
19	Mercury (as Hg)	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.001)	mg/L	0.01	No Relaxation
20	Selenium (as Se)	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.005)	mg/L	0.01	No Relaxation



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TC-6652

Test Report

Sample Number : SKS/GW/03

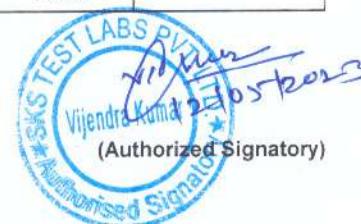
ULR No. : TC665223000000107F

Report No. : SKS/W/2305050003/A

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
21	Zinc (as Zn)	APHA (23rd Edition), 3030D, 3113B: 2017	*BLQ(**LOQ -0.20)	mg/L	5.0	15.0
22	Arsenic	APHA (23rd Edition) 3114C: 2017	*BLQ(**LOQ -0.005)	mg/L	--	--
23	Aluminium (as Al)	IS 3025 (P-55): 2003	*BLQ(**LOQ -0.03)	mg/L	0.03	0.2
24	Sulphide	IS 3025 (P-29): 1986	*BLQ(**LOQ -0.20)	mg/L	0.05	No Relaxation
25	Cyanide (as CN)	APHA 23rd Edition 2017 4500CN D	*BLQ(**LOQ -0.02)	mg/L	0.05	No Relaxation
26	Ammonia (as N)	IS 3025 (P-34): 1988	*BLQ(**LOQ -0.3)	mg/L	0.5	No Relaxation
27	Total Coliform	IS 15185 : 2016	Absent	Per 100ml	Shall Not Be Decetable in 100ml	--
28	E Coli	IS 15185 : 2016	Absent	Per 100ml	Shall Not Be Decetable in 100ml	--

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification,

End of Report



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Plot No. 25, Block-B, Narayan Vihar, Jaipur - 302020, Rajasthan

Tel: 0141-2948452, 9810355569, 9953147268

E-mail: lab@skstestlabs.com

www.skstestlabs.com

**Test Report**

Sample Number : SKS/GW/03
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/W/2305050003/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 02/05/2023
Sampling Quantity : 5 Ltr.+ 500 ml
Sampling Type : Grab
Longitude : -
Latitude : -

Sample Description : Water Sample (Ground Water)
Location : Borewell Near Gorbi Village
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Preservation : Suitable Preservation
Sampling and Analysis Protocol : SKS/STP/W/1

S.No.	Test Parameters	Test Method	Result	Unit	Limit as Per IS: 10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS: 3025 (P-4) RA 2017	*BLQ(**LQO -1.0)	Hazen	5	15
2	Odour	IS 3025 (P-5) :RA 2017	Agreeable	--	Agreeable	Agreeable
3	Taste	IS 3025(P-8): 1984 RA 2017	Agreeable	mg/L	Agreeable	Agreeable
4	Anionic Detergents (as MBAS)	APHA 23rd Edition 2017, 5540C.	*BLQ(**LOQ -0.005)	mg/L	0.2	1.0

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification,

End of Report



SKS/TP/PN1749



Test Report

Sample Number : SKS/SW/01
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/W/2305050004/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 03/05/2023
Sampling Quantity : 5 Ltr.+ 500 ml
Sampling Type : Grab
Packing Status : Temp. Sealed
ULR No. : TC665223000000108F

Sample Description : SURFACE WATER
Location : Bijul River
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 2296

S.No.	Test Parameters	Test Method	Results	Units
1	pH value	IS 3025 (P-11): 1983 Reaff. 2017	7.61	--
2	Turbidity	IS 3025 (Part 10): 1984, Reaff. 2017, (Nephelometric Method)	22.0	NTU
3	Total Dissolved Solids	IS 3025 (P-16): 1984 Reaff 2017	231.0	mg/l
4	Chloride (as Cl)	IS: 3025 (Part 32): 1988, Reaff. 2019	26.60	mg/l
5	Sulphate as (SO ₄)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	39.24	mg/l
6	Total Alkalinity (as CaCO ₃)	IS: 3025 (Part 23): 1986, Reaff. 2019	112.56	mg/l
7	Total Hardness (CaCO ₃)	IS: 3025 (Part 21): 2009, Reaff. 2019	109.44	mg/l
8	Calcium (as Ca)	IS: 3025 (Part 40): 1991 Reaff. 2019 (EDTA method)	38.38	mg/l
9	Magnesium	IS: 3025 (Part 46): 1994, Reaff. 2019 (EDTA method)	23.98	mg/l
10	Fluoride (as F)	APHA 23rd Edition 2017, 4500FD	*BLQ(**LOQ -0.2)	mg/l
11	Nitrate (as NO ₃)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	*BLQ(**LOQ -0.5)	mg/l
12	Phenolic compounds	APHA 23rd Edition 2017, 5530C	*BLQ(**LOQ -0.1)	mg/l
13	Total Coliform	IS 1622: 1981	27.0	MPN/100ml
14	Zinc as (Zn)	APHA (23rd edition), 3030D,3113B	*BLQ(**LOQ -0.20)	mg/l
15	Copper (Cu)	APHA (23rd edition), 3111B	*BLQ(**LOQ -0.05)	mg/l
16	Lead as Pb	APHA (23rd edition), 3030D,3113B, 2017	*BLQ(**LOQ -0.05)	mg/l
17	Arsenic as As	APHA (23rd edition), 3030D,3114C, 2017	*BLQ(**LOQ -0.005)	mg/l
18	E Coli	IS 1622, 1981	33.0	MPN/100ml

SKS / T P / P N 1752



Test Report

Sample Number : SKS/SW/01

Report No. : SKS/W/2305050004/A

S.No.	Test Parameters	Test Method	Results	Units
19	Boron	APHA (23rd edition) 4500B, 2017	*BLQ(**LOQ - 0.2)	mg/l
20	Chromium as Cr	APHA (23rd edition), 3030D,3113B, 2017	*BLQ(**LOQ -0.05)	mg/l
21	Cadmium as Cd	APHA (23rd edition), 3030D,3113B, 2017	*BLQ(**LOQ -0.05)	mg/l
22	Selenium as Se	APHA (23rd edition),3114C, 2017	*BLQ(**LOQ -0.005)	mg/l
23	Mercury as Hg	APHA (23rd edition),3114C, 2017	*BLQ(**LOQ -0.001)	mg/l

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1 7 5 3

**Test Report**

Sample Number : SKS/SW/01

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Sample Description : SURFACE WATER

Location : Bijul River

Sample Collected by : SKS Team (Mr. Krishkant Singh)

Parameter Required : As Per Work Order

Sampling and Analysis Protocol : IS 2296

Report No. : SKS/W/2305050004/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sampling Date : 03/05/2023

Sampling Quantity : 5 Ltr.+ 500 ml

Sampling Type : Grab

Packing Status : Temp. Sealed

S.No.	Test Parameters	Test Method	Results	Units
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BLQ(**LOQ - 1.0)	Hazen
2	Odour	IS 3025 (P-5) : 2018	Agreeable	--
3	Anionic Surface active agents (as MBAS)	APHA 23rd Edition 2017, 5540C	*BLQ(**LOQ -0.05)	mg/l
4	Residual Free Chlorine	IS:3025(P-26):1986,RA:2019:1986	*BLQ(**LOQ -2.0)	mg/l
5	Cyanide as CN	APHA 4500 CN -D	*BLQ(**LOQ -0.02)	mg/l
6	Aluminium as Al	IS 3025 (P-55) 2003, RA 2019	*BLQ(**LOQ -0.03)	mg/l
7	Sulphide	IS3025(P-29):1986 Reaff 2019	*BLQ(**LOQ -0.20)	mg/l
8	Ammonia (as N)	IS -3025 (Part- 34):1988, RA 2019	*BLQ(**LOQ -0.3)	mg/l

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / TP / PN1754



Test Report

Sample Number : SKS/SW/02

Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Sample Description : SURFACE WATER

Location : Near Village Singrauli Road

Sample Collected by : SKS Team (Mr. Krishkant Singh)

Parameter Required : As Per Work Order

Sampling and Analysis Protocol : IS 2296

Report No. : SKS/W/2305050005/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 12/05/2023

Period of Analysis : 05/05/2023-12/05/2023

Receipt Date : 05/05/2023

Sampling Date : 03/05/2023

Sampling Quantity : 5 Ltr.+ 500 ml

Sampling Type : Grab

Packing Status : Temp. Sealed

ULR No. : TC665223000000109F

S.No.	Test Parameters	Test Method	Results	Units
1	pH value	IS 3025 (P-11): 1983 Reaff. 2017	7.68	--
2	Turbidity	IS 3025 (Part 10): 1984, Reaff. 2017, (Nephelometric Method)	20.50	NTU
3	Total Dissolved Solids	IS 3025 (P-16): 1984 Reaff 2017	221.0	mg/l
4	Chloride (as Cl)	IS: 3025 (Part 32): 1988, Reaff. 2019	43.70	mg/l
5	Sulphate as (SO4)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	25.0	mg/l
6	Total Alkalinity (as CaCO3)	IS: 3025 (Part 23): 1986, Reaff. 2019	108.54	mg/l
7	Total Hardness (CaCO3)	IS: 3025 (Part 21): 2009, Reaff. 2019	118.56	mg/l
8	Calcium (as Ca)	IS: 3025 (Part 40): 1991 Reaff. 2019 (EDTA method)	45.69	mg/l
9	Magnesium	IS: 3025 (Part 46): 1994, Reaff. 2019 (EDTA method)	1.11	mg/l
10	Fluoride (as F)	APHA 23rd Edition 2017, 4500FD	*BLQ(**LOQ -0.2)	mg/l
11	Nitrate (as NO3)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	*BLQ(**LOQ -0.5)	mg/l
12	Phenolic compounds	APHA 23rd Edition 2017, 5530C	*BLQ(**LOQ -0.10)	mg/l
13	Total Coliform	IS 1622 : 1981	22.0	MPN/100ml
14	Zinc as (Zn)	APHA (23rd edition), 3030D,3113B	*BLQ(**LOQ -0.20)	mg/l
15	Copper (Cu)	APHA (23rd edition), 3111B	*BLQ(**LOQ -0.05)	mg/l
16	Lead as Pb	APHA (23rd edition), 3030D,3113B, 2017	*BLQ(**LOQ -0.05)	mg/l
17	Arsenic as As	APHA (23rd edition), 3030D,3114C, 2017	*BLQ(**LOQ -0.005)	mg/l
18	E Coli	IS 1622 :1981	31.0	MPN/100ml

SKS / TP / P N 1 3 5 6

**Test Report**

Sample Number : SKS/SW/02

Report No. : SKS/W/2305050005/A

S.No.	Test Parameters	Test Method	Results	Units
19	Boron	APHA (23rd edition) 4500B, 2017	*BLQ(**LOQ -0.2)	mg/l
20	Chromium as Cr	APHA (23rd edition), 3030D,3113B, 2017	*BLQ(**LOQ -0.05)	mg/l
21	Cadmium as Cd	APHA (23rd edition), 3030D,3113B, 2017	*BLQ(**LOQ -0.05)	mg/l
22	Selenium as Se	APHA (23rd edition),3114C, 2017	*BLQ(**LOQ -0.005)	mg/l
23	Mercury as Hg	APHA (23rd edition),3114C, 2017	*BLQ(**LOQ -0.001)	mg/l

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1 7 5 7

**Test Report**

Sample Number : SKS/SW/02
Name & Address of the Party : M/s R.K. Transport & Construction
Coal Washery Division Grobi, Singrauli, (MP)

Report No. : SKS/W/2305050005/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 12/05/2023
Period of Analysis : 05/05/2023-12/05/2023
Receipt Date : 05/05/2023
Sampling Date : 03/05/2023
Sampling Quantity : 5 Ltr.+ 500 ml
Sampling Type : Grab
Packing Status : Temp. Sealed

Sample Description : **SURFACE WATER**
Location : Near Village Singrauli Road
Sample Collected by : SKS Team (Mr. Krishkant Singh)
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 2296

S.No.	Test Parameters	Test Method	Results	Units
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BLQ(**LOQ -1.0)	Hazen
2	Odour	IS 3025 (P-5) : 2018	Agreeable	--
3	Anionic Surface active agents (as MBAS)	APHA 23rd Edition 2017, 5540C	*BLQ(**LOQ -0.05)	mg/l
4	Residual Free Chlorine	IS:3025(P-26):1986,RA:2019:1986	*BLQ(**LOQ -2.0)	mg/l
5	Cyanide as CN	APHA 4500 CN -D	*BLQ(**LOQ -0.02)	mg/l
6	Aluminium as Al	IS 3025 (P-55) 2003, RA 2019	*BLQ(**LOQ -0.3)	mg/l
7	Sulphide	IS3025(P-29):1986 Reaff 2019	*BLQ(**LOQ -0.20)	mg/l
8	Ammonia (as N)	IS -3025 (Part- 34):1988, RA 2019	*BLQ(**LOQ -0.3)	mg/l

*BLQ -Below Limit Of Quantification,**LOQ -Limit Of Quantification.

End of Report



SKS / T P / P N 1 7 5 8