

Appendix 2.1

(Refer paragraph 2.1.5; page 17)

Position of Income and Expenditure

(₹ in crore)

Year	Income					Expenditure				Net Surplus (percentage)
	Consent Fees	Water Cess	Interest Income	Other Income ¹	Total Income	Project Expenses	Establishment and other Expenses	Income Tax	Total Expenses	
2012-13	43.03	20.52	19.33	0.90	83.78	10.79	17.62	1.22	29.63	54.15 (65)
2013-14	45.75	0.00	25.65	1.39	72.79	1.22	18.43	1.46	21.11	51.68 (71)
2014-15	38.05	0.00	29.81	1.26	69.12	0.80	22.25	3.38	26.43	42.69 (62)
2015-16	75.76	8.14	31.65	4.78	120.33	0.71	24.13	6.40	31.24	89.09 (74)
2016-17	-NA-									
Total	202.59	28.66	106.44	8.33	346.02	13.52	82.43²	12.46	108.41	

Source : RSPCB, Jaipur

Appendix 2.2

(Refer paragraph 2.1.6.3; page 20)

Actions were to be taken up as a measures for prevention, control or abatement of air pollution in NCR

S.No.	Action Points	Time frame for implementation	Concerned Authority
A	Control of Vehicular Emissions:		
1	Launch extensive awareness drive against polluting vehicles;	Immediate	Transport Department
2	Ensure Strict action against visibly polluting vehicles;	Immediate	-do-
3	Install weigh in motion bridges at Delhi borders to prevent overloading;	Immediate	-do-
4	Take steps to prevent parking of vehicles in the non-designated areas;	Immediate	-do-
5	Introduce early alarm system for benefit of commuters related to traffic congestion on major routes for route diversion ;	Immediate	-do-
6	Consider introducing plan for Flexi/staggered timings to minimize peak movement of vehicles on the road;	Immediate	-do-
7	Take steps for retrofitting of diesel vehicles with Particulate Filters;	Immediate	-do-
8	De-congest pathways;	Immediate	-do-
9	Synchronize traffic movements / Introduce intelligent traffic systems for lane-driving;	30 days	Department of Food & Supply, Transport
10	Install vapor recovery system in fueling stations	30 days	-do-

¹ Laboratory sample test fee, BMW, Monitoring fee etc.

² Includes ₹ 1.00 crore on laboratory expenses.

11	Take steps for installation of remote sensor based PUC system etc.;	90 days	Transport Department
12	Formulate action plan for controlling decongestion of fuel stations including increasing number of dispensing machines;	90 days	Department of Food & Supply, Transport
13	Prepare action plan to check fuel adulteration and random monitoring of fuel quality data;	90 days	-do-
14	Prepare action plan for public transport on CNG mode;	90 days	Transport Department
15	Undertake road widening and improvement of infrastructure for decongestion of road;	90 days	-do-
16	Promote battery operated vehicles;	90 days	-do-
17	Take steps to expedite early completion of Western and Eastern Peripheral expressway and submit completion schedule	60 days	-do-
B	Control of Road Dust/Re-suspension of dust and other fugitive emission:		
18	Formulate action plan for creation of green buffers along the traffic corridors;	Immediate	
19	Introduce wet/ mechanized vacuum sweeping of roads;	30 days	-do-
20	Maintain pot holes free roads for free-flow of traffic to reduce emissions and dust;	60 days	-do-
21	Introduce water fountains at major traffic intersection, wherever feasible;	90 days	-do-
22	Undertake greening of open areas, gardens, community places, schools and housing societies.	90 days	-do-
23	Take steps for blacktopping / pavement of road shoulders to avoid road dust;	180 days	LSG/UDH
C	Control of Air Pollution from Bio-Mass Burning:		
24	Take stringent action against open burning of bio-mass/leaves/tyres etc to control such activities and submit periodic status reports;	Immediate	Agriculture Department
25	Ensure proper collection of horticulture waste (bio-mass) and composting-cum-gardening approach;	Immediate	-do-
26	Ensure strict enforcement of ban on burning of agriculture waste and crop residues	Immediate	-do-
27	Prohibit use of coal in hotels and restaurants and eliminate use of kerosene for cooking in Delhi;	60 days	LSG/UDH
D	Control of Industrial Air Pollution;		
28	Ensure strict action against unauthorized brick kilns	30 days	RSPCB
29	Ensure strict action against industrial units not complying with standards ;	60 days	-do-
30	Enforce strict compliance of conversion of Natural draft brick kilns to induced-draft;	90 days	-do-
31	Launch action plan for switching over to natural gas by industries, wherever feasible.	120 days	-do-

E	Control of Air Pollution from Construction and Demolition Activities:		
32	Control dust pollution at construction sites through appropriate cover	Immediate	LSG/UDH
33	Undertake control measures for fugitive emissions from material handling, conveying and screening operations through water sprinkling, curtains, barriers and dust suppression units;	30 days	-do-
34	Ensure carriage of construction material in closed/covered vessels;	30 days	-do-
F	Other Steps to control Air Pollution		
35	Set-up helpline in States/UT for taking action against reported non-compliance;	Immediate	LSG/UDH
36	Evolve a system of reporting of garbage /municipal solid waste burning through mobile based applications and other social media platform linked with Central and State level Control Rooms ;	30 days	-do-
37	Establish Standard Operating Procedure to provide quick and effective response to complaints	30 days	-do-
38	Take steps for maximizing coverage of LPG / PNG for domestic cooking purposes with intention of achieving 100%;	90 days	-do-
39	Ensure DG sets meeting the standards only be allowed to operate	30 days	-do-
40	Promote use of LPG instead of coal in restaurants/ dhabas/ road side eateries;	90 days	-do-
41	Undertake Satellite based monitoring for tracking and enforcing agriculture waste burning;	90 days	-do-
42	Take steps for setting up of bio-mass based power generation units to avoid bio-mass burning.	One year	-do-

Source : RSPCB, Jaipur

Appendix 2.3

(Refer paragraph 2.1.7.3; page 24)

List of Air Quality Monitoring Stations

S.No.	City Name	Installation Year	Location of AAQMS/CAAQMS	Remarks (Approved location name)
Ambient Air Quality Monitoring Station (AAQMS)				
1	Bhiwadi	2015	RO, RSPCB Building	-
2	Bhiwadi	2015	UIT Guest House	ESI Hospital
3	Bhiwadi	2016	M/S Uttam Strips	-
4	Alwar	1994	RO RSPCB Building	-
5	Alwar	1994	M/S Jain Irrigation LTD.	Gaurav Solvex
6	Alwar	1991	M/S Vintage Distillers Ltd.	RIICO Pump House
7	Jodhpur	1994	Shastri Nagar Police Station	-
8	Jodhpur	2003	Chopasni Housing Board	-
9	Jodhpur	1994	Mahamandir Police Station	-
10	Jodhpur	1994	Sojti Gate Police Station	-
11	Jodhpur	2003	DIC Office	-
12	Jodhpur	2003	RO RSPCB Building	RIICO Office Basni II
13	Kota	1985	Krishi Vigyan Kendra Borkhera	Samcore Glass Ltd.
14	Kota	2000	Municipal Corporation Rampura	
15	Kota	2016	Fire Station	
16	Kota	2016	M/S Giriraj ITI	Sewrage Treatment Plant Balita
17	Kota	2016	Rajasthan Technical University	-
18	Kota	1998	RO RSPCB Building	-
19	Udaipur	1994	RO RSPCB Building	-
20	Udaipur	1994	Town Hall	-
21	Udaipur	1994	Amba Mata	-
22	Jaipur	1996	RSPCB Head Office Building, Jhalana dungri	-
23	Jaipur	1996	RO RSPCB Building, Sikar Road	-
24	Jaipur	1996	RSEB Building, Chandpole	-
25	Jaipur	1996	VKI, Recreation Club	-
26	Jaipur	1996	RIICO Office MIA	-
27	Jaipur	1996	PHED Building Ajmeri Gate	-
28	Jaipur	2017	RIICO Office Baees Godam Industrial Area	-
29	Jaipur	2017	RIICO Office, Sitapura Industrial Area	-
30	Bharatpur	2015	RO Building Bharatpur	-
31	Bharatpur	2016	RIICO Office	-
32	Bharatpur	2016	Khadi Gramodyog	-

Continuous Ambient Air Quality Monitoring Station (CAAQMS)				
1	Jaipur	2012	Police Commissioner, M I Road	-
2	Jodhpur	2012	District Collectorate, Jodhpur	-
3	Jaipur	2017	Psychiatric Centre , Sethi Colony	-
4	Jaipur	2017	Regional Science Centre ,Shastri Nagar	-
5	Ajmer	2017	Sainik Vishram Grah,Civil Line	-
6	Pali	2017	Bangur Govt. PG College, Pali	-
7	Bhiwadi	2017	Water Supply Scheme Phase-4 RIICO Industrial Area	-
8	Kota	2017	Shrinath Puram Stadium	-
9	Alwar	2017	Rajasthan Madhymic Shiksha Parishad Office, in front of SDM School, Alwar	-
10	Udaipur	2017	DMG Office, Court Circle	-

Source : RSPCB, Jaipur; Jointly visited units have been highlighted in bold

Appendix 2.4

(Refer paragraph 2.1.7.3; page 24)

Details of air quality monitoring instruments installed at unsuitable locations

S. No.	Name of City	Name and Location of monitoring station	Audit Findings
1	Alwar	CAAQMS, Rajasthan Madhymic Shiksha Parishad	Located at corner of back side of building and surrounded by buildings.
2	Alwar	AAQMS, M/s Vintage Distillers Limited, 117 MIA, Alwar	Located at corner of roof of small size building and surrounded by buildings and trees.
3	Alwar	AAQMS, M/s Jain Irrigation Limited	Located at corner of roof of small size building and surrounded by trees.
4	Bhiwadi	CAAQMS, water supply complex, RIICO Industrial Area	Close to a wall, surrounded by buildings, trees and water overhead tank.
5	Jodhpur	AAQMS, Regional Office, Jodhpur	Located at corner of roof of building and surrounded by trees.
6	Jodhpur	AAQMS, Mahamandir, police station	Surrounded by trees.
7	Jodhpur	AAQMS, Sojatigate, police station	Surrounded by trees.
8	Jodhpur	AAQMS, Chopasani Housing Board	Sampler was installed near walls and trees.
9	Kota	AAQMS, Fire station	Sampler was installed near walls and trees.
10	Kota	AAQMS, KVK, Borkhera	Station was surrounded by farm land and there was no nearby sources, concentration gradients of pollutants, etc.
11	Udaipur	AAQMS, Town hall	Close to a wall, surrounded by buildings and trees.
12	Udaipur	AAQMS, RO building	Placed at ground of roof and close to boundary wall.

Source: Regional Offices, RSPCB and Ambient Air Quality Monitoring Stations

Appendix 2.5

(Refer paragraph 2.1.7.3; page 25)

Details of samplers installed at sites other than approved locations

S.No.	Name of city	Type of monitoring station	Approved location of monitoring stations	Location where sampler was installed
1	Alwar	AAQMS	M/s Gaurav Solvex Ltd	M/s Jain Irrigation Ltd
2	Alwar	AAQMS	RIICO Pump House	Roof of Guard Room, Industrial Area, attached with M/s Vintage Distilleries Ltd
3	Bhiwadi	CAAQMS	UIT Guest House	Water Supply Complex, RIICO Industrial Area
4	Bhiwadi	AAQMS	E.S.I. Hospital	UIT Guest House
5	Jaipur	CAAQMS	RO building, Sikar Road	Police Commissionerate
6	Kota	AAQMS	Samkor Glass Ltd	Krishi Vigyan Kendra, Borkheda
7	Kota	AAQMS	Sewarage Treatment Plant, Balita	Giriraj I.T.I

Source: Regional Offices, RSPCB and Ambient Air Quality Monitoring Stations

Appendix 3.1

(Refer paragraph 3.1.5.1; page 59)

Excerpts of the Hon'ble Supreme Court of India orders in context of mining in Aravalli Mountain Hills (Writ Petition(Civil)no. 202/1995)

Date	Particulars
29 October 2002	The Hon'ble Supreme Court of India prohibit and ban all mining activity in the entire Aravalli hills. This ban is not limited only to the hills encircling Kote and Alampur villages but extends to the entire hill range of Aravalli from Dholpur to Rajasthan. The Chief Secretary, State of Haryana and Chief Secretary, State of Rajasthan are directed to ensure that no mining activity in the Aravalli hills is carried out, especially, in that part which has been regarded as forest area or protected under the Environment (Protection) Act.
16 December 2002	The order dated 29/30 October 2002 prohibiting and banning the mining activity in Aravalli hills from Haryana to Rajasthan is modified insofar as the State of Rajasthan is concerned to following effect: Wherever requisite approval/sanctions in the said State have been obtained under the Forest (Conservation) Act, 1980 and the Environment (Protection) Act, 1986 and the mining is not prohibited under the applicable Acts or notifications or orders of the court, mining can continue and to such mining the order aforesaid will not apply.
08 April 2005	Pending further directions, we restrained any kind of mining in forest area. Further, we restrained mining in any area in Aravalli hills falling in the State of Rajasthan, where permission may have been accorded after 16 December 2002.
19 February 2010	There were about 261 mining leases in the Aravalli range in the State of Rajasthan. Some of the mining leases have been renewed after 16.12.2002, though it was not strictly permissible as per order passed on that date. A large number of renewal applications are also pending with the authorities. Taking advantage of the deeming provision of Rule 24A Renewal of mining lease of the Mines and Mineral (Development and Regulation) Rules, 1960 almost all the lease-holders are carrying on mining operations uninterruptedly. The renewal applications are pending for a long time and in many cases for several years. Rule 24A apparently does not envisage this kind of situation. We, accordingly, restrain all those lease-holders whose applications for renewal of their respective leases are pending from doing any mining operation till further orders.

Appendix 3.2

(Refer paragraph 3.1.6; page 63)

Provisions relating to environmental issues laid down under various regulations to be met by the lease holders

1 Top Soil

MCD Rules, 1988	Mining Plan	EC conditions	CTO conditions
Rule 32- every holder of a major mineral mining lease shall, wherever top soil exists and is to be excavated for mining operations, remove it separately and shall utilise it for restoration/rehabilitation of the land. Similar provisions exist in Rule 37U (1) of the RMMC Rules, 1986 for minor mineral leases.	The top soil will be stacked on the non-mineralised area. Top soil will be spread over dumps for plantation purposes.	The top soil, if any, shall be stacked at earmarked sites only and it should not be kept unutilised for long. The top soil shall be used for land reclamation and plantation.	The project proponent will stack the top soil separately and will use it for plantation and reclamation of overburden dumps.

2 Overburden dumps

Mining Plan	EC conditions	CTO conditions
Each lessee depending on the type of mineral extracted, proposes specific treatment/ reclamation of overburden in Mining Plan. Stabilisation of overburden by retaining wall. (Each lessee proposes stabilisation as per overburden status).	A separate space should be earmarked for dumping of the overburden material and it should not be kept active for long period. The overburden dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	The overburden generated shall be stacked at earmarked dump sites only and after dumping is over, it should be stabilised by suitable plantation. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. A retaining wall should be at the toe of the overburden dumps.

3 Plantation

GOR's circular dated 29 September 2003	Mining Plan	EC condition	CTO condition										
The norms for plantation for each lease holder/ quarry license holder would be as under:	The mining plan contains the name of species which would be planted, number of plants, place/ site for year wise plantation. The lessee has to ensure post plantation care such as hedging, watering during dry spell, manuring, pest treatment and replenishment of plant casualties so that survival rate is not less than 80 per cent.	Plantation of trees has to be developed all along the mine lease area in a phased manner. The plantation area varies depending on the size of the lease.	The lessee shall develop plantation in at least 33 per cent of the total lease area to maintain ambient air quality around the mine and the action plan for plantation has to be adhered.										
<table border="1"> <thead> <tr> <th>Category</th> <th>Norms</th> </tr> </thead> <tbody> <tr> <td>Major Mineral lessee</td> <td>5 plants/hectare or part/ year</td> </tr> <tr> <td>Marble, Serpentine and granite leases and Quarry Licenses.</td> <td>20 plants/hectare or part/ year</td> </tr> <tr> <td>Other minor mineral leases and Quarry Licenses.</td> <td>10 plants/hectare or part/ year</td> </tr> <tr> <td>Quarry License of minerals other than Marble and Granite having area less than 1 hectare.</td> <td>5 plants/ Quarry Licenses/year</td> </tr> </tbody> </table>				Category	Norms	Major Mineral lessee	5 plants/hectare or part/ year	Marble, Serpentine and granite leases and Quarry Licenses.	20 plants/hectare or part/ year	Other minor mineral leases and Quarry Licenses.	10 plants/hectare or part/ year	Quarry License of minerals other than Marble and Granite having area less than 1 hectare.	5 plants/ Quarry Licenses/year
Category				Norms									
Major Mineral lessee				5 plants/hectare or part/ year									
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Other minor mineral leases and Quarry Licenses.	10 plants/hectare or part/ year												
Quarry License of minerals other than Marble and Granite having area less than 1 hectare.	5 plants/ Quarry Licenses/year												

4 Construction of garland drain

EC conditions	CTO conditions
Garland drain should be constructed around the mining pit and overburden dump to arrest the silt and sediments from the runoff water in low lying areas during rains.	Garland drain should be constructed around the mineral and overburden dump to prevent runoff water and flow of sediments.

5 Air pollution control measures

MCD Rules, 1988	Mining Plan	EC conditions	CTO conditions
<p>Rule 37 stipulates that air pollution due to fines, dust, smoke or gaseous emissions during mining, beneficiation³ and related activities shall be controlled and kept within permissible limits specified under various environmental laws of the country including the Air (Prevention and Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986 by the holder of the major mineral mining lease.</p> <p>Similar provisions exist in Rule 37U(4) of the RMMC Rules, 1986 for minor mineral leases.</p>	<p>Details of possible causes of air pollution are discussed in detail with remedial measures.</p>	<p>The haul road, loading and unloading point should be sprinkled with water to prevent the dust particles becoming airborne.</p> <p>The environmental monitoring of the air quality, level of Suspended Particulate Matters (SPM), Respirable Particulate Matters (RPM), Sulphur dioxide (SO₂), Nitrogen dioxide (NO₂) and Carbon monoxide (CO) should be tested and the results should be submitted to RSPCB once in six months.</p>	<p>The water spray and sprinkling system installed should always be maintained in order to utilise the same for dust suppression.</p> <p>As per the general condition of the CTO, the lessee is required to conduct ambient air quality monitoring for SPM in the mining area once in six months and submit the results to RSPCB.</p> <p>The lessee shall provide necessary infrastructure facilities including equipment for the monitoring of ambient air quality.</p>

6 Noise pollution control measures

MCD Rules 1988	Mining Plan	EC conditions	CTO conditions
<p>Rule 39 stipulates that noise arising out of mining, beneficiation <i>etc.</i> shall be abated or controlled by the major mineral mining lease holder at the source so as to keep it within the permissible limit.</p> <p>Similar provisions exist in Rule 37U (6) of the RMMC Rules, 1986 for minor mineral leases. Further, results of periodical examination of noise pollution shall be intimated to the concerned ME/AME as well as RO of the RSPCB.</p>	<p>Proper maintenance for machine deployed at mining site is proposed for minimising the noise.</p>	<p>Measures should be taken for control of noise levels within prescribed standards.</p>	<p>The noise level under no circumstances should exceed the prescribed limits (day time-75 dBA and night time-65 dBA).</p> <p>Monitoring of noise level shall be conducted once in six months and results thereof shall be submitted to the RSPCB regularly.</p>

7 Rehabilitation and reclamation of mined out pits

MCD Rules 1988	EC conditions	CTO conditions
<p>Rule 34 stipulates that every holder of major mineral mining lease shall undertake the phased restoration, reclamation and rehabilitation of lands affected by mining operations and shall complete this work before the conclusion of such operations and the abandonment of mine.</p> <p>Similar provisions exist in Rule 37U (3) of the RMMC Rules, 1986 for minor mineral leases.</p>	<p>A final mine closure plan along with details of corpus fund should be submitted to the MoEF five years in advance of final mine closure for approval.</p>	<p>The mining unit shall undertake the phased restoration, reclamation and rehabilitation of lands as per established practices and procedures affected by mining operations and shall complete this work before the conclusion of such operations and the abandonment of prospects or mines.</p>

8 Mining in benches

Metalliferous Mines Regulations, 1961	Mining Plan	EC conditions
<p>Regulation 106(2) (a) provides that where excavation of deposit is worked out by manual means on a sloping face, the face shall be benched and the sides shall be sloped at an angle of not more than 60 degrees from the horizontal. The height of any bench shall not exceed six meters and the breadth thereof shall not be less than the height. However, where the ore-body consists of comparatively hard and compact rock, the Regional Inspector may, by an order in writing and subject to such conditions as he may specify therein, permit the height of the bench to be increased up to 7.5 meters.</p>	<p>Year wise development of mine wherein for each year, the pit wise bench height, width and length to be developed are provided.</p>	<p>Benches height, width and slope shall be maintained as per the Metalliferous Mines Regulations, 1961 or as per the approval of the Director General of Mines Safety.</p>

³ "Beneficiation" means processing of minerals or ores for the purpose of (i) regulating the size of a desired produce; (ii) removing unwanted constituents; and (iii) improving quality, purity or assay grade of desired product.

Appendix 3.3

(Refer paragraph 3.1.6.3; page 68)

Cross verification of the joint physical inspection findings with 38 RSPCB inspection reports

S.no.	Component of environmental issues	Comparisons between reports of RSPCB and Joint physical inspections	Audit comments
1	Top soil: As per the proforma of the inspection reports of RSPCB, the availability of the top soil had to be commented on and in case it was available then its storage, location and quantity had to be specified.	As per RSPCB inspection reports, no top soil were available in 15 MLs, no mention about top soil in 14 MLs or minimal top soil were available in six MLs and top soil present in 3 MLs where as in Joint physical inspection findings, it was noticed that no top soil were available in 16 MLs and the top soil were present in 22 MLs.	It revealed that the RSPCB had reported availability of top soil in three cases only whereas it was available in 22 MLs as per joint physical inspection findings. Thus, the inspection reports of the RSPCB were incomplete, incorrect and unreliable regarding top soil in 19 MLs.
2	Overburden dumps: In the proforma of the inspection report of the RSPCB, the inspecting officer is required to report the number of overburden dumps with dimension and location of these dumps, construction of retaining wall around the overburden dumps, the number of plants around the dump and the type of plantation	As per RSPCB inspection reports, no overburden were present in 7 MLs, overburden not present or insignificant dump found in 29 MLs and no comments on overburden was made in 2 MLs where as in Joint physical inspection findings, it was noticed that overburden were present in 36 MLs and overburden not present or insignificant dump were found in 2 MLs.	In none of the reports of the RSPCB, all the details regarding the number of dumps with dimension and location were mentioned. In seven ⁴ MLs, the number of dumps and dimensions were mentioned but their location was not specified except in one ML (07/01-Rishabhdeo). In two MLs, no comment had been made regarding overburden dumps. In the remaining 29 MLs it was stated that no overburden dump or insignificant dump was found in the lease area and so no reclamation was required. In nine MLs, retaining wall was reported to have been constructed by the RSPCB in their inspection reports but it was noticed that retaining wall was found constructed in one ML only and retaining wall was in progress in two MLs.
3	Plantation: The inspection format required the inspecting officer to comment on number of plantations, type of plantation and its location.	As per RSPCB inspection reports, 12 to 1,500 plants were reported in 25 MLs, 1,000 and 40,000 plants were reported in 2 MLs, plantation reported (300-3,400) in and outside the lease area in 3 MLs and no details of plantations outside the lease area was given and no comments on plantation were made in one ML where as in Joint physical inspection findings, it was noticed that no plantation in 27 MLs were found, 20 to 100 plants were found in 3 MLs as against reported 300-3,400 plants and 1,750 plants were found in one ML wherein RSPCB had made no comments about plantation.	The inspection reports of the RSPCB regarding plantation were imprecise. In case of 25 MLs, the inspection reports of RSPCB had reported plantation of 12 to 1,500 plants. However, no plantation was found during joint physical inspection. Further, in case of two MLs (ML 415/02 and 414/02) out of 25 MLs, it was noticed that the

⁴ Seven leases (11/05 and 54/93–Rajsamand-I, 02/92, 15/03–Rajsamand-II, 06/89–Udaipur, 7/01 and 08/92–Rishabhdeo).

			<p>RSPCB had carried out inspection in the year 2011 and 2012 respectively. As per the reports, in ML 415/02, 35 plants and in ML 414/02, about 30 plants were reported. In the second inspection carried out in March 2015, 50 plants in each mining lease area were reported. However, no plantation was found inside the mining lease area during joint physical inspection. The inspecting officers did not comment on the specific location of the plantations done.</p> <p>In two MLs (ML 1/93 and 54/93), as per the RSPCB inspection report, around 1,000 and 40,000 plantations respectively were reported inside the lease area. However, during joint physical inspection, not a single plant was found.</p> <p>The RSPCB in their inspection report of three MLs had reported plantation of 2,000 (ML 07/01), 3,400 (ML 02/92) and 300 (ML 48/11) plants in and outside mining lease area. It was seen that no details regarding location of plantation done outside the lease area were given in their report. On joint physical inspection, it was found that only 20 plants were present inside the mining lease area in ML 07/01, 100 plants in ML 2/92 and 100 plants in ML 48/11.</p> <p>In one ML (15/03), RSPCB had not mentioned anything against plantation but during joint physical inspection, 1,750 plants were found.</p>
4	<p>Construction of garland drain</p>	<p>As per RSPCB inspection reports, no comments about garland drains were reported in 20 MLs, garland drain were provided in 15 MLs, garland drains were not provided in two MLs and garland drains was not applicable in one ML where as in Joint physical inspection findings, it was noticed that garland drains were provided in two MLs, garland drains were not provided in 30 MLs and garland</p>	<p>It revealed that in 20 MLs, status of garland drains had not been commented upon by the RSPCB. Further, it was found in joint physical inspection that there was no garland drain in 30 MLs. Garland drains were found constructed in only two MLs as</p>

		drains were not applicable in six MLs.	against 15 MLs reported in the RSPCB reports.
5	<p>Air pollution control measures: The lease holder is required to submit six monthly report regarding ambient air quality to the RSPCB.</p> <p>The proforma of the inspection report of RSPCB has a column in which as part of Air Pollution control measures, the inspecting officer has to report on water sprinkling arrangement and its functioning, periodicity of water sprinkling and details of location where water sprinkling was done.</p>	Cross verification of joint physical inspection findings regarding the air quality was not possible with inspection reports of RSPCB as the air quality could not be checked during joint physical inspection in absence of equipment for checking the air quality at the mining site.	The column relating to the water sprinkling arrangement provided in the inspection reports of the RSPCB were not adequately filled up by the Inspecting Officer and concerned RO, RSPCB did not initiate any action for non-submission of six monthly reports regarding ambient air quality.
6	<p>Noise pollution control measures:</p>	Scrutiny of the inspection reports of RSPCB of 38 leases revealed that there was no mention about the noise level.	The RSPCB could not monitor noise pollution level in the lease areas as there was no column provided in the proforma of inspections report for monitoring of noise level.
7	<p>Rehabilitation and reclamation of mined out pits</p>	As per RSPCB inspection reports, only in three inspections out of 38 checked MLs were advised to undertake phased restoration, reclamation and rehabilitation of lands affected by mining operations while it was noticed in joint physical inspection findings, there was no phased restoration, reclamation and rehabilitation were found in MLs.	The RSPCB could not monitor phase wise restoration, reclamation and rehabilitation of land in lease areas as the inspection proforma did not cover the aspect.
8	<p>Mining in benches: The format of the inspection report of the RSPCB includes a column on development of benches with pit wise bench height, width and length.</p>	As per RSPCB inspection reports, no comments about development of benches were made in 23 MLs, benches were developed in 10 MLs, benches were not developed in one ML, benches not applicable in one ML and nil reporting was done in 3 MLs where as in Joint physical inspection findings, it was noticed that benches were developed in 3 MLs as against 10 MLs reported by the RSPCB, benches were not developed in 27 MLs, benches not applicable in one ML and improper benches were found in 7 MLs.	It was noticed that for 23 MLs, 'no comments' were given in the column by the RSPCB. For 10 leases, it was reported that benches had been developed. However, the details regarding pit wise bench height, width and length were not given in five cases. For one lease, it was reported that benches were not applicable. For three leases, it was reported as 'nil' and only for one lease it was reported that benches had not been formed. No notice was found to have been issued to the lessee for ensuring proper development of the benches by the RSPCB

Appendix 3.4

(Refer paragraph 3.2.1; page 73)

Activity-wise position of physical targets and achievements

S.N	Name of activity	Unit	Targets as per Project Report	Achievements
1	Afforestation (in hectares)	Ha.	52,750	52,750
2	Agro Forestry Activities	Nos.	50,00,000	46,97,000
	(i) Seedling distribution (in numbers)			
	(ii) Creation of new nurseries (in numbers)	Nos.	10	10
	(iii) Development of existing nurseries (in numbers)	Nos.	10	10
3	Soil and Moisture Conservation Structures (in numbers)	Nos.	38,060	38,077
4	Joint Forest Management Activities	Nos.		
	(i) Creation of SHGs/VFPMCs (in numbers)		250	249
	(ii) Preparation of Micro plans (in numbers)		250	229
	(iii) VFPMC meetings (in numbers)		250	249
	(iv) Honorarium to NGOs		17	12
	(v) Awareness camps (in numbers)		250	250
5	Capacity Building Training to VFPMC members/NGOs/ROs/ACFs/DFOs	LS.	256	253
6	Communication and Extension	Nos.		
	(i) Exchange visits/study tours (in numbers)		34	34
	(ii) Workshops/seminars (in numbers)		7	5
7	Monitoring and Evaluation	LS.	-	-
8	Convergence through MGNREGA Construction of pucca wall fencing (in hectares)	Ha.	1,000	-

Source: Information provided by PCCF.

Appendix 3.5

(Refer paragraph 3.2.4.2; page 75)

Statement showing status of distribution of uncertified/below standard seeds

(in ₹)

S. No.	Name of division	Purchase of seed from market which was not tested from Lab.	Seed collected through VFPMCs but not tested from Lab.	Total seed not tested from Lab.	Purchase of seed from market which was below standard	Grand Total (3+4+6)
1	DCF Kota	0	39,835	39,835	3,58,162	3,97,997
2	DCF (WL) MNP, Kota	2,39,499	32,750	2,72,249	0	2,72,249
3	DCF Rajsamand	0	4,680	4,680	91,353	96,033
4	DCF Ajmer	1,14,767	0	1,14,767	0	1,14,767
5	DCF Bundi	2,19,481	2,882	2,22,363	2,24,500	4,46,863
6	DCF Pratapgarh	6,35,515	1,71,394	8,06,909	0	8,06,909
7	DCF Bhartapur	2,47,080	0	2,47,080	0	2,47,080
	Total	14,56,342	2,51,541	17,07,883	6,74,015	23,81,898

Source: Information provided by concerned DCFs.

Appendix 3.6

(Refer paragraph 3.2.4.2; page 75)

Details of cases in which plantation done prior to issuance of technical sanction

S. No.	Name of Division	Name of site/model and Range	Technical sanction No. and date	Voucher No. and date	Amount paid	Actual period of execution of work
1	DCF (WL) MNP, Kota	Kalyakui (RDF-I), Range-Dara	5968/30.10.2014 amount ₹ 5.88 lakh	22/30.1.2014	3,80,246	1.4.2014 to 31.8.2014
2	-do-	-do-	-do-	44/28.11.2014	1,52,132	1.9.2014 to 31.10.2014
3	DCF, Rajsamand	Ajitgarh (ANR), Range-Bhim	47-60/ 27.7.2015 amount ₹ 1,53,700/-	53/28.7.2015	17,278	1.4.2015 to 30.6.2015
4	-do-	-do-	-do-	53/17.10.2015	16,572	1.7.2015 to 31.7.2015
5	-do-	Jetakhera (ANR) Range-Bhim	-do-	41/17.10.2015	28,936	1.4.2015 to 30.6.2015
6	-do-	Bansa (RDF-II) Range-Kumbhalgarh	01-06/22.7.2013 amount ₹ 4.94 lakh	49/29-8-2013	12,471	23.3.2013 to 30.4.2013
7	-do-	-do-	-do-	50/29-8-2013	9,607	1.5.2013 to 31.5.2013
8	-do-	-do-	-do-	51/29-8-2013	31,321	1.6.2013 to 30.6.2013

9	-do-	-do-	-do-	52/29-8-2013	1,39,816	3.7.2013 to 31.7.2013
10	-do-	-do-	-do-	33/29-8-2013	2,000	8.7.2013
11	-do-	Bhagawad Range (RDF-II)-Bhim	24-29/19-8-2013 amount ₹ 4.43 lakh	71/30-8-2013	20,438	1-4-2013 to 31-5-2013
12	-do-	-do-	-do-	70/30-8-2013	2,00,353	1-6-2013 to 31-7-2013
13	-do-	-do-	-do-	75/30-8-2013	6,000	1-4-2013 to 31-7-2013
14	-do-	-do-	-do-	28/29-8-2013	1,501	24-6-2013
15	-do-	-do-	-do-	29/29-8-2013	1,501	21-7-2013
16	-do-	Ratnawaton ki bhagal (RDF-II) range-Nathdwara	12-18/ 8-8-2013 amount ₹ 4.94 lakh	13/22-8-2013	7,081	25-3-2013 to 30-4-2013
17	-do-	-do-	-do-	14/22-8-2013	10,121	1-5-2013 to 31-5-2013
18	-do-	-do-	-do-	15/22-8-2013	30,497	1-6-2013 to 30-6-2013
19	-do-	-do-	-do-	16/22-8-2013	1,21,981	2-7-2013 to 27-7-2013
20	-do-	-do-	-do-	36/29-8-2013	1,500	10-7-2013
21	-do-	-do-	-do-	38/29-8-2013	1,000	1-8-2013
22	DCF, Pratapgarh	Huda Bavji-B range-Pipalkhunt (ANR)	3525-26/30.5.14	147/19.6.14	8,600	1.4.14 to 31.5.14
23	-do-	Siya khedi mahadev Range-Choti sadri (ANR)	3525-26/30.5.14	178/19.6.14	8,600	1.4.14 to 31.5.14
24	-do-	Ruwamagara Range-choti sadri (ANR)	3525-26/30.5.14	186/25.6.14	8,600	1.4.14 to 31.5.14
25	-do-	Dhar Range-Bansi (ANR)	3525-26/30.5.14	02/25.7.14	8,600	1.4.14 to 31.5.14
26	-do-	Kanna mata Range-Bansi (ANR)	3525-26/30.5.14	211/15.9.14	8,600	1.4.14 to 31.5.14
27	-do-	Khanpuri Range-Dharyawad (ANR)	3525-26/30.5.14	138/25.7.14	8,600	1.4.14 to 31.5.14
28	-do-	Aadavela Range Dharyawad (ANR)	3525-26/30.5.14	121/25.7.14	8,600	1.4.14 to 31.5.14
29	-do-	Mewa Range-Dharyawad (ANR)	3525-26/30.5.14	294/16.10.14	8,600	1.4.14 to 31.5.14
Total					12,61,153	

Source: Information provided by concerned DCFs.

Appendix 3.7

(Refer paragraph 3.2.5.1; page 76)

Details of works that deviated from micro plan

(₹ in Lakh)

S. No.	Name of Division	Proposed works (Not executed)			Works executed (Not proposed initially)		
		Types of works	No.	Amount	Types of works	No.	Amount
1	DCF Rajsmand	Anicut Contour Gabion	4 3 1	82.00	WHS	1	3.04
2	DCF Kota	Anicut Farm pond	1 1	13.50	Contour Anicut Check dam PCT LBG WHs Farm pond	6 2 1 4 1 2 2	73.36
3	DCF Bundi	Anicut WHs Gabion Check dam PCT Contour Farm pond	2 1 2 3 1 2 1	67.00	Gabion PCT Contour	1 1 1	19.18
4	MNP Kota	Checkdam Farmpond Anicut PCT	2 2 1 1	5.00	WHs Anicut	2 2	18.38
5	DCF Partapgarh	Anicut	1	6.50	WHs Contour	1 1	7.05
6	DCF Bharatpur	Anicuts Pond	2 2	40.00	-	-	-
		Total	33	214.00	Total	28	121.01

Source: Information provided by concerned DCFs.

WHS-Water Harvesting Structure

PCT-Percolation Tank

LBG- Loose Boulder Gabion

Appendix 3.8

(Refer paragraph 3.2.5.2; page 76)

Statement showing division-wise status of construction of Soil & Moisture Conservation Structures without obtaining prior permission from state level committee

(Amount in ₹)

S No.	Name of Division	Year	Construction of soil and moisture conservation structure							
			Check dam No	Amount	Anicut II	Amount	Anicut III	Amount	WHS No	Amount
1	Rajsmand	12-13	-	-	03	1949576	02	1585407	-	-
		13-14	51	928444	06	3890210	02	1699822	13	3924909
		14-15	-	-	02	1299476	01	850000	02	604000
		Total	51	928444	11	7139262	5	4135229	15	4528909
2	MNP Kota	12-13	03	55000	-	-	-	-	-	-
		13-14	-	-	05	3144404	02	1533765	05	1487933
		14-15	-	-	-	-	-	-	-	-
		Total	03	55000	05	3144404	02	1533765	05	1487933
3	Kota	12-13	10	185000	-	-	02	1691000	-	-
		13-14	45	832000	-	-	01	850000	12	3921000
		14-15	-	-	03	1937000	02	1700000	02	603000
		Total	55	1017000	03	1937000	05	4241000	14	4524000
4	Bundi	12-13	-	-	05	3028000	02	1700000	-	-
		13-14	121	1101000	-	-	-	-	16	3625000
		14-15	02	42000	-	-	-	-	-	-
		Total	123	1143000	05	3028000	02	1700000	16	3625000
5	Ajmer	12-13	10	184943	-	-	-	-	-	-
		13-14	17	315000	-	-	-	-	-	-
		14-15	-	-	1	649000	03	1949000	3	906000
		Total	27	499943	1	649000	03	1949000	3	906000
6	Partapgarh	12-13	20	369700	05	3245503	02	1699543	05	1537123
		13-14	61	1125033	12	7787480	04	3396543	12	3619481
		14-15	-	-	07	4549374	03	2548700	04	1206233
		15-16	-	-	02	1300000	01	850000	-	-
		Total	81	1494733	26	16882357	10	8494786	21	6362837
7	Bharatpur	12-13	-	-	5	3285499	2	1684068	-	-
		13-14	76	1612574	-	-	-	-	-	-
		14-15	03	62992	-	-	-	-	2	598773
		Total	79	1675566	5	3285499	2	1684068	2	598773
		Grand Total	419	6813686	56	36065522	29	23737848	76	22033452
										88650508

Source: Information provided by concerned DCFs.

Appendix 3.9

(Refer paragraph 3.3.4.2; page 82)

De-sanction of works due to lack of proper survey of roads

Awarded works not started (Proposed for de-sanction)

S.No.	District	Packages	Name of work	Length (in km)	Remarks
1	Alwar	RJ-02-WB-RRSMP-II-10	Alwar Bhiwadi road SH-25 to Naugaon	1.18	Proposed for de-sanction due to submergence
2			Gadpur to Amlaki	1.60	
3	Baran	RJ-04-WB-RRSMP-03	Richari Jagir road to Kakarwa	1.75	To be de-sanctioned, double connectivity
4	Bharatpur	RJ-06-WB-RRSMP-II-10	Sunari road to Nagla Shikham	0.50	Proposed for de-sanction. Connected in other scheme. Sanctioned in missing link
5	Sriganganagar	RJ-30-WB-RRSMP-10	Construction of BT road from 20 KND to 18 KND	3.00	Proposed for de-sanction. Connected in other scheme.
6	Dholpur	RJ-13-WB-RRSMP-04-II/2013-14	Baseri Sirmathura road to Kallapura	0.75	Already connected
7	Jaipur	RJ-16-WB-RRSMP-04	Tholai Birasana road to Gopalyawas	1.30	No revenue track available. Land dispute (700 meter length)
8	Bundi	RJ-09-WB-RRSMP-07	Dora Suthra road to Bhawanipura	1.50	Revised proposal and DPR submitted for issue of revised A&F, decision is awaited
Total				11.58	

To be awarded works (Proposed for de-sanction)

S.No.	District	Name of work	Length (in km)	Remarks
1	Kota	Simliya to Kalyanpura	3.30	Connected in other scheme
2	Kota	Bhonra to Balabhpura	4.00	
3	Bharatpur	SH-14 Chak Gharwari to Madhuvana	1.20	
Total			8.50	
Grand Total			20.08	

Source: As per Quarterly Progress Report of RRSMP.

Appendix 3.10

(Refer paragraph 3.3.5.1; page 83)

Tenders invited prior to issuing of technical sanction

Abu Road Division

S.No.	Name of package	No. of roads	Date of Technical Sanction	Date of NIT
1	RJ-29-WB-RRSMP-01	1	08.02.2013	28.01.2013

Alwar-II Division

S.No.	Name of package	No. of roads	Date of Technical Sanction	Date of NIT
1	RJ-02-WB-RRSMP-02	2	23.07.2013	20.06.2013
		1	23.08.2013	

Chaumehla Division

S.No.	Name of package	No. of roads	Date of Technical Sanction	Date of NIT
1	RJ-19-WB-RRSMP-13	1	03.08.2013	02.07.2013

Sawai Madhopur-WB Division

S.No.	Name of package	No. of roads	Date of Technical Sanction	Date of NIT
1	RJ-27-WB-RRSMP-01	1	18.02.2013	28.01.2013
2	RJ-27-WB-RRSMP-10	3	26.08.2013 13.09.2013	and 02.07.2013
3	RJ-27-WB-RRSMP-11	4	24.07.2013 16.07.2013	and 02.07.2013
Grand total		13		

Source: Information obtained from scrutiny of records of test checked units.

Appendix 3.11

(Refer paragraph 3.3.5.2; page 84)

Excess payment to contractor on Price Adjustment

Name of Division	Package No.	Number of Road Works	Agreement No.	Voucher No. & Date	Paid amount	Actual amount	Excess amount
Executive Engineer, PWD Dn., Nimbahera	RJ-10-WB-RRSMP-35	3	32/2013-14	52/26.02.16	1567927	663583	904344
Executive Engineer, PWD Dn., Dausa	RJ-12-WB-RRSMP-07	5	12/2013-14	41/25.08.14	1120601	680793	439808
Executive Engineer, PWD Dn., Chhabra	RJ-04-WB-RRSMP-01	3	07/2014-15	52/27.11.15	997643	318492	679151
	RJ-04-WB-RRSMP-02	5	02/2014-15	01/13.08.15	1171123	-537780	1708903
	RJ-04-WB-RRSMP-03	4	06/2014-15	02/13.08.15	560155	26611	533544
	RJ-04-WB-RRSMP-04	4	05/2014-15	03/13.08.15	434064	-183673	617737
Executive Engineer, PWD Dn., Suratgarh	RJ-30-WB-RRSMP-03	4	07/2013-14	135/25.08.14	1021289	723712	297577
	RJ-30-WB-RRSMP-05	4	04/2013-14	27/21.10.14	2696732	2269526	427206
	RJ-30-WB-RRSMP-06	3	09/2013-14	24/21.10.14	1336794	1304785	32009
	RJ-30-WB-RRSMP-08	4	05/2013-14	26/21.10.14	1829913	1471648	358265
	RJ-30-WB-RRSMP-09	4	06/2013-14	25/21.10.14	2878642	2392448	486194
Executive Engineer, PWD Dn., Sikandra	RJ-12-WB-RRSMP-14	5	18/2013-14	05/18.12.14	887114	626710	260404
Total					16501997	9756855	6745142

Source: Information obtained from scrutiny of records of test checked units.

Appendix 3.12

(Refer paragraph 3.3.5.2; page 84)

Non- submission of Operating and Maintenance Manual

Alwar-II

S.No.	Name of package	No.of roads	Contract Value (₹ in lakh)	Amount to be withheld @1% of contract value not exceeding ₹ 3 lakh (₹ in lakh)
1	RJ-02-WB-RRSMP-02	4	143.48	1.43
2	RJ-02-WB-RRSMP-07	1	102.04	1.02
3	RJ-02-WB-RRSMP-08	2	133.87	1.33
4	RJ-02-WB-RRSMP-09	3	98.98	0.99
5	RJ-02-WB-RRSMP-10	3	162.48	1.62
Total				6.39

Bundi-WB

1	RJ-09-WB-RRSMP-01	3	310.67	3.00
2	RJ-09-WB-RRSMP-02	3	291.35	2.91
3	RJ-09-WB-RRSMP-05	3	442.85	3.00
4	RJ-09-WB-RRSMP-06	2	409.46	3.00
5	RJ-09-WB-RRSMP-07	3	232.15	2.32
6	RJ-09-WB-RRSMP-08	3	438.72	3.00
7	RJ-09-WB-RRSMP-10	1	299.27	2.99
Total				20.22

Chaumehla

1	RJ-19-WB-RRSMP-13	2	219.07	2.19
Total				2.19

Chittorgarh-WB

1	RJ-10-WB-RRSMP-08	4	272.88	2.72
2	RJ-10-WB-RRSMP-09	3	273.17	2.73
3	RJ-10-WB-RRSMP-18	5	429.07	3.00
4	RJ-10-WB-RRSMP-19	2	312.97	3.00
5	RJ-10-WB-RRSMP-24	2	351.07	3.00
6	RJ-10-WB-RRSMP-25	2	425.59	3.00
7	RJ-10-WB-RRSMP-26	5	321.99	3.00
8	RJ-10-WB-RRSMP-27	2	317.05	3.00
9	RJ-10-WB-RRSMP-28	3	267.19	2.67
10	RJ-10-WB-RRSMP-29	3	252.07	2.52
11	RJ-10-WB-RRSMP-30	3	301.88	3.00

12	RJ-10-WB-RRSMP-31	3	290.19	2.90
13	RJ-10-WB-RRSMP-32	2	139.68	1.39
Total				35.93

Chhabra

1	RJ-04-WB-RRSMP-02	5	667.90	3.00
2	RJ-04-WB-RRSMP-04	4	340.87	3.00
3	RJ-04-WB-RRSMP-08	2	229.59	2.29
4	RJ-04-WB-RRSMP-09	2	241.44	2.41
5	RJ-04-WB-RRSMP-10	2	271.98	2.71
6	RJ-04-WB-RRSMP-11	2	194.34	1.94
7	RJ-04-WB-RRSMP-12	2	330.99	3.00
8	RJ-04-WB-RRSMP-13	2	211.00	2.11
9	RJ-04-WB-RRSMP-14	3	288.20	2.88
10	RJ-04-WB-RRSMP-15	2	270.02	2.70
11	RJ-04-WB-RRSMP-16	2	287.02	2.87
12	RJ-04-WB-RRSMP-17	2	235.19	2.35
13	RJ-04-WB-RRSMP-18	2	223.04	2.23
14	RJ-04-WB-RRSMP-19	2	204.75	2.04
15	RJ-04-WB-RRSMP-20	1	208.91	2.08
16	RJ-04-WB-RRSMP-21	2	233.95	2.33
Total				39.94

Dausa

1	RJ-12-WB-RRSMP-01	2	106.06	1.06
2	RJ-12-WB-RRSMP-04	3	189.22	1.89
3	RJ-12-WB-RRSMP-06	2	158.57	1.58
4	RJ-12-WB-RRSMP-07	5	450.12	3.00
5	RJ-12-WB-RRSMP-08	4	339.28	3.00
6	RJ-12-WB-RRSMP-09	3	353.50	3.00
7	RJ-12-WB-RRSMP-10	3	408.44	3.00
8	RJ-12-WB-RRSMP-11	4	485.27	3.00
9	RJ-12-WB-RRSMP-12	4	318.27	3.00
10	RJ-12-WB-RRSMP-13	5	493.86	3.00
Total				25.53

Nimbahera Dn.

1	RJ-10-WB-RRSMP-21	2	141.13	1.41
2	RJ-10-WB-RRSMP-33	3	242.79	2.43
3	RJ-10-WB-RRSMP-34	3	274.07	2.74
4	RJ-10-WB-RRSMP-35	3	246.38	2.46
5	RJ-10-WB-RRSMP-36	3	254.84	2.54
6	RJ-10-WB-RRSMP-37	3	309.78	3.00
7	RJ-10-WB-RRSMP-38	3	266.70	2.66

8	RJ-10-WB-RRSMP-39	3	245.67	2.45
9	RJ-10-WB-RRSMP-40	3	305.08	3.00
10	RJ-10-WB-RRSMP-41	3	320.80	3.00
11	RJ-10-WB-RRSMP-42	2	280.01	2.80
12	RJ-10-WB-RRSMP-46	2	208.97	2.08
13	RJ-10-WB-RRSMP-48	2	128.48	1.28
14	RJ-10-WB-RRSMP-49	3	269.57	2.69
15	RJ-10-WB-RRSMP-51	2	331.71	3.00
16	RJ-10-WB-RRSMP-52	4	272.52	2.72
Total				40.26

Sawai Madhopur-WB

1	RJ-27-WB-RRSMP-02	3	241.52	2.42
2	RJ-27-WB-RRSMP-03	2	276.82	2.77
3	RJ-27-WB-RRSMP-04	1	267.79	2.68
4	RJ-27-WB-RRSMP-12	2	403.35	3.00
5	RJ-27-WB-RRSMP-16	2	282.38	2.82
Total				13.69

Suratgarh Division

1	RJ-30-WB-RRSMP-03	4	272.01	2.72
2	RJ-30-WB-RRSMP-05	4	477.76	3.00
3	RJ-30-WB-RRSMP-06	3	677.24	3.00
4	RJ-30-WB-RRSMP-07	4	530.66	3.00
5	RJ-30-WB-RRSMP-08	4	338.24	3.00
6	RJ-30-WB-RRSMP-09	4	484.26	3.00
Total				17.72
Grand Total		221 Roads		201.87

Source: Information obtained from scrutiny of records of test checked units.

Appendix 3.13

(Refer paragraph 3.3.5.2; page 84)

Undue benefit to contractor for non submission of revised work programme

S.No.	Name of divisions	No. of packages	No. of roads	Amount to be withheld (₹ in lakh)
1	Abu Road	01	01	05.00
2	Alwar-II	04	10	20.00
3	Beawar	01	08	05.00
4	Bhilwara	09	39	45.00
5	Bundi-WB	07	18	35.00
6	Chaumehla	02	03	10.00
7	Chhabra	19	47	95.00
8	Chittorgarh-WB	18	60	90.00
9	Dausa	10	35	50.00
10	Malpura	10	39	50.00
11	Nimbahera	18	49	90.00
12	Rajsamand-WB	11	33	55.00
13	Sawai Madhopur-WB	13	34	65.00
14	Shri Ganganagar	05	11	25.00
15	Sikandra	02	06	10.00
16	Suratgarh	06	23	30.00
Total		136	416	680

Source: Information obtained from scrutiny of records of test checked units

Appendix 3.14

(Refer paragraph 3.3.5.2; page 85)

Details of insurance cover to roads not provided

Beawar Division

S.NO.	Package No.	No. of roads.	Insurance policy not submitted.		Insurance policy submitted for the construction period.	
			Work order amount	Premium amount @1.20% of work order	Work order amount	Premium amount @0.40% of work order
1	RJ-01-WB-RRSMP-01	8	36824907	441899	-	-

Bhilwara Division

1	RJ-07-WB-RRSMP-08	5	-	-	32294621	129178
2	RJ-07-WB-RRSMP-09	5	43844846	526138	-	-
3	RJ-07-WB-RRSMP-18	4	43274135	519290	-	-
4	RJ-07-WB-RRSMP-19	4	36060576	432727	-	-
5	RJ-07-WB-RRSMP-20	4	35885686	430628	-	-
6	RJ-07-WB-RRSMP-21	4	37417044	449004	-	-
7	RJ-07-WB-RRSMP-22	3	-	-	42698605	170794
8	RJ-07-WB-RRSMP-23	5	-	-	43376011	173504
9	RJ-07-WB-RRSMP-24	5	-	-	43094024	172377

Chaumehla

1	RJ-19-WB-RRSMP-11	1	35012774	420153	-	-
2	RJ-19-WB-RRSMP-13	2	-	-	21907012	87628

Chittorgarh (WB) Division

1	RJ-10-WB-RRSMP-08	4	27287734	327453	-	-
2	RJ-10-WB-RRSMP-09	3	27317321	327808	-	-
3	RJ-10-WB-RRSMP-25	2	-	-	42559213	170237
4	RJ-10-WB-RRSMP-32	2	-	-	13968104	55872

Chhabra Division

1	RJ-04-WB-RRSMP-02	5	-	-	66790417	267162
2	RJ-04-WB-RRSMP-03	3	47498952	569987	-	-
3	RJ-04-WB-RRSMP-10	2	27197780	326373	-	-
4	RJ-04-WB-RRSMP-11	2	19434385	233213	-	-
5	RJ-04-WB-RRSMP-12	2	-	-	33099181	132397
6	RJ-04-WB-RRSMP-13	2	-	-	21099909	84400
7	RJ-04-WB-RRSMP-14	3	-	-	28819657	115279
8	RJ-04-WB-RRSMP-16	2	-	-	28701574	114806
9	RJ-04-WB-RRSMP-17	2	-	-	23519441	94078

10	RJ-04-WB-RRSMP-19	2	-	-	20474947	81900
11	RJ-04-WB-RRSMP-20	1	-	-	20891292	83565
12	RJ-04-WB-RRSMP-21	2	-	-	23395133	93581
13	RJ-04-WB-RRSMP-22	3	-	-	15519352	62077

Dausa Division

1	RJ-12-WB-RRSMP-01	2	-	-	10605661	42423
2	RJ-12-WB-RRSMP-04	3	18921953	227063	-	-
3	RJ-12-WB-RRSMP-06	2	-	-	15856953	63428
4	RJ-12-WB-RRSMP-07	5	45012304	540148	-	-
5	RJ-12-WB-RRSMP-08	4	-	-	33928273	135713
6	RJ-12-WB-RRSMP-09	3	35349910	424199	-	-
7	RJ-12-WB-RRSMP-11	4	-	-	48527373	194109
8	RJ-12-WB-RRSMP-13	5	49385565	592627	-	-

Nimbahera Division

1	RJ-10-WB-RRSMP-21	2	14113224	169359	-	-
2	RJ-10-WB-RRSMP-33	3	24278792	291345	-	-
3	RJ-10-WB-RRSMP-34	3	27407033	328884	-	-
4	RJ-10-WB-RRSMP-35	3	24637607	295651	-	-
5	RJ-10-WB-RRSMP-37	3	30977570	371731	-	-
6	RJ-10-WB-RRSMP-39	3	24566819	294802	-	-
7	RJ-10-WB-RRSMP-40	3	-	-	30508065	122032
8	RJ-10-WB-RRSMP-41	3	-	-	32079902	128320
9	RJ-10-WB-RRSMP-42	2	28001484	336018	-	-
10	RJ-10-WB-RRSMP-44	3	-	-	24421078	97684
11	RJ-10-WB-RRSMP-46	2	20896555	250759	-	-
12	RJ-10-WB-RRSMP-48	2	12848407	154181	-	-
13	RJ-10-WB-RRSMP-49	3	-	-	26956551	107826
14	RJ-10-WB-RRSMP-51	2	-	-	33171166	132685
15	RJ-10-WB-RRSMP-52	4	27251866	327022	-	-

Sawai Madhopur-WB Division

1	RJ-27-WB-RRSMP-01	2	20913746	250965	-	-
2	RJ-27-WB-RRSMP-02	3	24151992	289824	-	-
3	RJ-27-WB-RRSMP-11	4	24742912	296915	-	-
4	RJ-27-WB-RRSMP-12	2	-	-	40335060	161340
5	RJ-27-WB-RRSMP-13	2	20706291	248475	-	-
6	RJ-27-WB-RRSMP-16	2	28237655	338852	-	-
Total	58 packages	176	-	1,10,33,493	-	32,74,395
			31 packages & 100 roads		27 packages & 77 roads	
			1,10,33,493+32,74,395=1,43,07,888			

Source: Information obtained from scrutiny of records of test checked units

Appendix 3.15

(Refer paragraph 3.3.5.2; page 85)

No action taken against contractor for non-delivery of performance security

Beawar Division

S.No.	Package No.	Validity of performance security upto (as per clause 35.1)	Validity of performance security upto
1	RJ-01-WB-RRSMP-01	31.08.2020	26.06.2019

Chittorgarh(WB) Division

1	RJ-10-WB-RRSMP-08	25.07.2019	01.07.2017
2	RJ-10-WB-RRSMP-09	19.07.2019	01.07.2017
3	RJ-10-WB-RRSMP-29	30.11.2019	22.12.2015
4	RJ-10-WB-RRSMP-30	30.11.2019	22.12.2015
5	RJ-10-WB-RRSMP-31	30.11.2019	27.12.2018

Malpura Division

1	RJ-31-WB-RRSMP-05	31.08.2019	Not available
2	RJ-31-WB-RRSMP-12	31.08.2020	Not available
3	RJ-31-WB-RRSMP-18	31.12.2019	Not available
4	RJ-31-WB-RRSMP-19	31.03.2020	Not available
5	RJ-31-WB-RRSMP-23	31.03.2020	Not available
6	RJ-31-WB-RRSMP-24	31.03.2020	Not available
7	RJ-31-WB-RRSMP-26	14.12.2020	Not available
8	RJ-31-WB-RRSMP-27	31.12.2019	Not available

Nimbhahera Division

1	RJ-10-WB-RRSMP-33	12.11.2019	19.01.2015
2	RJ-10-WB-RRSMP-35	30.11.2019	22.10.2018
3	RJ-10-WB-RRSMP-37	30.11.2019	19.01.2015
4	RJ-10-WB-RRSMP-39	12.11.2019	26.09.2016
5	RJ-10-WB-RRSMP-44	12.11.2019	27.02.2015
6	RJ-10-WB-RRSMP-46	22.11.2019	02.01.2018
7	RJ-10-WB-RRSMP-48	12.11.2019	26.09.2016
8	RJ-10-WB-RRSMP-49	30.11.2019	19.01.2015
9	RJ-10-WB-RRSMP-51	16.12.2019	19.01.2015
10	RJ-10-WB-RRSMP-52	30.11.2019	21.11.2016

Rajsamand(WB) Division

1	RJ-26-WB-RRSMP-08	28.11.2019	23.09.2014
2	RJ-26-WB-RRSMP-09	28.11.2019	23.09.2014
3	RJ-26-WB-RRSMP-22	28.11.2019	23.09.2014
Total Packages	27		

Source: Information obtained from scrutiny of records of test checked units.

Appendix 3.16

(Refer paragraph 3.3.6; page 86)

Details of works in which certificates of test results not produced

S.N.	Package No.	No. of roads	Work order amount	Period of work
1	RJ-10-WB-RRSMP-08	4	27287737	13.07.2013 to 12.07.2014
2	RJ-10-WB-RRSMP-09	3	27317321	13.07.2013 to 12.07.2014
3	RJ-10-WB-RRSMP-10	3	40135436	24.12.2013 to 23.12.2014
4	RJ-10-WB-RRSMP-18	5	42906660	01.07.2013 to 30.06.2014
5	RJ-10-WB-RRSMP-19	2	31296570	04.07.2013 to 03.07.2014
6	RJ-10-WB-RRSMP-24	2	35107274	19.07.2013 to 18.07.2014
7	RJ-10-WB-RRSMP-28	3	26719035	10.01.2014 to 09.01.2015
Total		22		

Details of cases in which Consignee Receipt Certificates issued prior to work order

S. No.	Name of package	Work order No. and date	No. of roads	Work order amount in ₹	Period of work	Name of material	CRC No. and date	Quantity of material (MT)
1	RJ-10-WB-RRSMP-08	1293/04.07.2013	4	27287737	13.07.13 to 12.07.14	Emulsion Bitumen RS-1	140/15.09.2010	14.240
2	RJ-10-WB-RRSMP-09	1294/04.07.2013	3	27317321	13.07.13 to 12.07.14	Emulsion Bitumen RS-1	94/08.06.2012	6.790
							241/02.12.2012	6.520
						Bitumen VG-10	655029564/12.06.2012	20.050
3	RJ-10-WB-RRSMP-10	3181/27.12.2013	3	40135436	24.12.13 to 23.12.14	Emulsion Bitumen RS-1	2102012178/10.04.2013	15.00
							17035/15.07.2013	24.910
4	RJ-10-WB-RRSMP-27	3774/03.03.2014	2	31705122	14.03.14 to 13.03.15	Emulsion Bitumen RS-1	42527/05.06.2013	24.244
							42644/07.06.2013	24.310
						Bitumen VG-10	661129241/15.03.2013	10.64
							663105479/11.06.2013	14.586
Total Road			12					

Source: Information obtained from scrutiny of records of test checked units

Appendix 3.17

(Refer paragraph 3.7; page 93)

Statement showing excess price escalation paid to contractors

(₹ in crore)

S.No.	Name of Office	Name of Work	Name of Contractor	Price Variation		Avoidable/ Excess Payment	Reasons for excess payment
				Amount paid	Amount to be paid		
1	2	3	4	5	6	7=5-6	8
1	Executive Engineer, PWD NH Division, Barmer	Strengthening with paved shoulders from km 259/000 to 286/600, km 290/600 to 297/100 (34.10 km) and widening of existing two lane road to four lane in km 286/600 to 290/600 (4.00 km) on NH-15 (Jaisalmer-Barmer-Sanchore Road)	M/s Bhimji Veljji Soratiya, Adipur, Gujrat	3.85	3.24	0.61	Date of opening of technical bid was considered for calculating the payment of price escalation in place of date of opening of financial bid.
2	Executive Engineer, PWD NH Division, Barmer	Widening of two lane road with geometric improvement in re-aligned portion from km 223/500 to 254/800 (Pachpadra-Bagundi Section of old SH 28-B) including construction of minor bridge on NH-112 (Bar-Bilara-Jodhpur-Barmer).	M/s Tan Singh Chouhan, Barmer	2.28	1.87	0.41	-do-
					Total	1.02	

Appendix 3.18

(Refer paragraph 3.8; page 94)

Statement showing the expenditure incurred on excavation for road way in soil, construction of GSB, WBM and WMM

S.No	Name of Division	Excavation for roadway in soil	GSB	WBM Grading-2	WBM Grading-3	WMM	Total
1	Executive Engineer, PWD Division, Balotra	184508.24	2519109.65	306504.95	2478226.28	0.00	5488349.12
2	Executive Engineer, PWD Division, Chittorgarh	0.00	2842198.72	0.00	0.00	13296505.17	16138703.89
3	Executive Engineer, PWD Division-I, Barmer	521822.65	3297235.43	0.00	3691448.83	0.00	7510806.91
4	Executive Engineer, PWD Division, Shahpura (Jaipur)	0.00	2891013.25	0.00	3607595.84	0.00	6498609.09
5	Executive Engineer, PWD Division, Nawalgarh	24091.64	3327802.72	2946645.66	0.00	0.00	6298540.02
Total							41935009.03

