

Annexure - I

Status of Interventions in the EDC villages visited by the JPS Consultants in the Periyar Tiger Reserve

Villages visited during the first field visit

Name of the EDC/ Village	Total Microplan budget (in lakhs)	Total funds spent (up to Oct. 2003) in lakhs	Revision of Microplan after April 2003	Total Fund available with the VDF/CDF Account (in Lakhs)	Status of women SHGs		Status of patrolling by the EDC Members	Total GB and Executive Committee Meetings held in last six months	Main Interventions
					Total SHGs Formed	Total SHGs Functional			
Mattupetty Estate	11.74	9.10	No	Project Fund Rs.2.00 lakh CDF Rs.93,000	Women 4	All 4 SHGs	No regular system developed	GB meetings 2 Ex.Committee meetings 8	<ul style="list-style-type: none"> • Individual loan for business • Loan to SHGs • Drinking water • Loan for group activities • Seasonal business in Sabarimala pilgrimage
Vallakadavu I	10.64	9.96 (upto March 2003) 0.25 (April to October 2003)	Yes	Project Fund Rs.34,900 CDF 2.51 lakh	Women 4	All 4 SHGs	2 times in a month No system of record keeping	GB meetings 2 Ex.Committee meetings 8	<ul style="list-style-type: none"> • Loan to SHGs • Group loans • Individual loan for agricultural activities • Loan for Sabarimala business • Purchase of land for office building
Vanchi Vayal	6.34	5.92 (upto Dec. 2003)	Yes	Project Fund Rs.22,700 CDF Rs.9,181	Women 2	All 2SHGs	No system developed	GB meetings 2 Ex.Committee meetings 9	<ul style="list-style-type: none"> • Loan for agriculture purpose • Loan for Sabarimala business • Assistance to Nature Club (special case for tribal village)

Name of the EDC/ Village	Total Microplan budget (in lakhs)	Total funds spent (up to Oct. 2003) in lakhs	Revision of Microplan after April 2003	Total Fund available with the VDF/CDF Account (in Lakhs)	Status of women SHGs		Status of patrolling by the EDC Members	Total GB and Executive Committee Meetings held in last six months	Main Interventions
					Total SHGs Formed	Total SHGs Functional			
Paliakudi	16.87	16.30	Yes	Rs.50,000	Women - 5 Men - 3	All 8 SHGs	No regular system followed	GB meetings 2 Ex.Committee meetings 10	<ul style="list-style-type: none"> • Agriculture loan • Self employment • Cooperative store • Vermi compost • Mushroom cultivation
Mannakudi II	13.75	10.55	Yes	Project Fund Rs.17,000 CDF Fund Rs.2.26 lakh	Women - 5	All 5 SHGs	Daily, but no record is maintained in EDC	GB meetings 2 Ex.Committee meetings 12	<ul style="list-style-type: none"> • Office building • Tailoring unit • Individual loan • Loan to SHGs
Mannakudi I	10.25	8.60	Yes	CDF 1.28 lakh	Women - 3 Men - 1	All 4 SHGs	Once in a week but no register maintained in EDC	GB meetings 2 Ex.Committee meetings 16	<ul style="list-style-type: none"> • Agriculture loan • Loan to SHGs • Self employment • Tailoring unit
Vallakadavu V	7.74 (started in 2000)	7.39 (Rs.6000 after April 2003)	No	Project Fund Rs.22,316 CDF - Rs.51,000	Women - 3	All 3 SHGs (all SHGs formed during 2002)	As and when required No register maintained	GB meetings 1 Ex.Committee meetings 10	<ul style="list-style-type: none"> • Agriculture loan • LPG for Sabarimala business • Group farming • Loan to SHGs

Villages visited during the second field visit

Name of the EDC/ Village	Total Microplan budget (in lakhs)	Total funds spent (up to January. 2004) in lakhs	Revision of Microplan after October 2003	Total Fund available with the VDF/CDF Account (in Lakhs)	Status of women SHGs		Status of patrolling by the EDC Members	Total GB and Executive Committee Meetings held in last six months	Main Interventions
					Total SHGs Formed	Total SHGs Functional			
Ceylon Colony	6.01	Completely utilized as reported by DRO	None	1.05	None	--	as and when required	3 GBM 11 Executive Committee Meeting	<ul style="list-style-type: none"> • Bottle washing unit • NTFP and wood collection and marketing
Vanchivayal (Forest)	6.18	6.18	None	.56	2	2	as and when required	3 GBM (Last in August) Executive Committee Meeting on weekly basis since last two months.	<ul style="list-style-type: none"> • Loan for Agriculture on individual basis • Loan on group basis • Loan to SHG for vegetable selling Units • Nature Club for youth and children • Agriculture loan
Vallakadavu - I	10.43	10.43	None	2.69	2	2	as and when required	1 GBM 14 Ex. Committee Meeting	<ul style="list-style-type: none"> • Loan for Sabarimala seasonal business • IGP on small scale basis • Smokeless chullah • Loan for individual business • Nature Club
Vallakadavu - IV	7.29	7.29	None	1.05	3	3	as and when required	2 GBM (Last in November) Executive Committee Meeting - 12	<ul style="list-style-type: none"> • Agriculture loan • Income generating for small business • Nature club

Name of the EDC/ Village	Total Microplan budget (in lakhs)	Total funds spent (up to January. 2004) in lakhs	Revision of Microplan after October 2003	Total Fund available with the VDF/CDF Account (in Lakhs)	Status of women SHGs		Status of patrolling by the EDC Members	Total GB and Executive Committee Meetings held in last six months	Main Interventions
					Total SHGs Formed	Total SHGs Functional			
Kollampattada - I	About 9.00	9.00	None	.89	3	3	as and when required	1 GBM (in November 03) Executive Committee Meeting - Every month 4 meeting since last two months.	<ul style="list-style-type: none"> • Loan to SHG • LPG • Loan for business development • Office construction • Nature club
Ex. Vayana Bark Collectors EDC (Professional Group EDC)	2.87	Information not available with Chairman	None	2.00	--	--	On every day basis with forest guard.	Weekly basis. Executive Committee Meetings but by work on every day.	<ul style="list-style-type: none"> • LPG • Participation in Sabarimala business • Ecotourism i.e., Bamboo rafting, tourist trekking • Handicraft business i.e., jute bags
Tribal Trakkers EDC (Professional Group EDC)	2.62	Information available with Chairman	None	3.00	--	--	Regularly on daily basis with forest guards	Generally on monthly basis but by work on every day bais.	<ul style="list-style-type: none"> • Nature walk and trekking • Training on tourism activities and languages

Villages visited during the third field visit

Name of the EDC/ Village	Total Microplan budget (in lakhs)	Total funds spent (up to March 2004) in lakhs	Revision of Microplan after October 2003	Total Fund available with the VDF/CDF Account (in Lakhs)	Status of women SHGs		Status of patrolling by the EDC Members	Total GB and Executive Committee Meetings held in last six months	Main Interventions
					Total SHGs Formed	Total SHGs Functional			
Ex.Vayana bark Collectors EDC	2.87	2.87	yes	0.83	@	All SHGs are functional	Along with routine work doing patrolling job	GB - 3 Ex.Committee meeting - 16	<ul style="list-style-type: none"> • Agriculture loan • Loan for Alternate income • Loan for small business • Loan for Sabarimala business
Vallakadavu IV EDC	7.20	7.20	Yes	1.04	4 - women 1 - men	All 5 are functional	No regular system followed	GB - 2 Ex.Committee meeting - 9	<ul style="list-style-type: none"> • Tiger trail • Bamboo rafting
Tribal Trekker EDC	2.50	2.50	Yes	5.40	All are members of different SHGs	All SHGs are functional		GB - 6 Ex.Committee meeting - 16	<ul style="list-style-type: none"> • Nature walk • Supply of LPG
PETS (Watchers Welfer) EDC	5.49	5.49	Yes	4.36	3 - women 1 - men	All 4 are functional	Along with routine work doing patrolling job	GB - 1 Ex.Committee meeting - 2	<ul style="list-style-type: none"> • Sabarimala business • Run Coffee shop • Run telephone booth • Provide shelter to tourists
Vallakadavu I	9.40	9.40	Yes	2.74	3 - women 1 - men	All 4 are functional	No regular system followed	GB - 1 Ex.Committee meeting - 10	<ul style="list-style-type: none"> • Agriculture loan • Purchase of community land • Running of provision store

@ The EDC members belong to different village out of present 21 members (2 expired), 6 members joined different SHGs for availing loan facilities

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					Total SHGs Formed	Total SHGs Functional			
Tribal Heritage EDC	No fixed budget Rs.50,000	0.50 + 0.20 (own contribution)	Yes	1.36*	One	Membership collection is being deposited	As part of routine job	GB - 6 Ex.Committee meeting -14	<ul style="list-style-type: none"> • Guide tourists to tribal village trips and visit to museum • Take tourists to border hiking • Hold nature camps

* Total income generated from collection of fees for tribal heritage and border hiking and nature camps is more than Rs.2.50 lakh

List of Persons Met by the Consultants during 1st Field Visit

List of Officials

1. Mr. A.K. Bhardwaj, Field Director, PTR
2. Mr. Pramod Krishna, Eco Development Officer, PTR
3. Mr. Gopal Krishna, DFO (East), PTR
4. Mr. B. Joseph, DFO (West), PTR
5. Mr. Shivadas, ACF, PTR
6. Mr. Abdul Basheer, Eco-Tourism Officer, PTR
7. Mr. C.G. Sunil, Assistant Education Officer, PTR
8. Mr. K.K. Divakaran, NGI, PTR
9. Mr. P.N. Sabastian, NGI, PTR
10. Mr. S. Vikraman Nayar, NGI, PTR
11. Mr. Veeramani, Ecologist, PTR
12. Mr. Omanakuttan, Forest Guard, PTR
13. Mr. M. Harikrishnan, Forester, PTR
14. Mr. Vijay V. Thomas, Forest Guard, PTR

Project Beneficiaries

15. Mr. Mathew Thomas, Chairman, Vallakadavu EDC
16. Ms. M. Marian Das, Executive Committee Member, Vallakadavu EDC
17. Ms. Jayashree Shivadas, Executive Committee Member, Vallakadavu EDC
18. Mr. Abdul Salam, Executive Committee Member, Vallakadavu EDC
19. Ms. Sanaja Sukumaran, Member, Palakudi EDC
20. Ms. Sashi, Member, Palakudi EDC
21. Mr. Sahjan, Member, Palakudi EDC
22. Mr. Ayyappan, Member, Palakudi EDC
23. Ms. Vijaya, Executive Committee Member, Palakudi EDC
24. Mr. V. Suryan, Chairman, Mannakudi EDC
25. Mr. Rajan, Executive Committee Member, Mannakudi EDC
26. Mr. Pomraj, Executive Committee Member, Mannakudi EDC
27. Ms. Radhamani, Member, Mannakudi EDC
28. Mr. V. Radhakrishnan, Chairman, Vanchivayal EDC
29. Ms. Rajani Balan, Secretary, SHG, Vanchivayal EDC
30. Ms. Radha, Member, SHG, Vanchivayal EDC
31. Ms. Manju, Member, Nature Club, Vanchivayal EDC
32. Ms. Tava, Member, SHG, Vanchivayal EDC
33. Ms. Saraswati Devi, Member, SHG, Vallakadavu V
34. Ms. Sushila Albat, Member, Vallakadavu V
35. Ms. Mouli, Member, Vallakadavu V
36. Ms. Yadamma, Member, Vallakadavu V
37. Ms. Rajina, Member, Vallakadavu V
38. Ms. Jossi, Member, Vallakadavu V
39. Ms. Khadija Bibi, Member, Vallakadavu V
40. Mr. P.K. Sukumaran, Chairman SAP EDC, Cheriyanavattam Thavalam
41. Mr. A. Madhavan, Member, SAP EDC, Cheriyanavattam Thavalam

42. Mr. P.C. John, Member, SAP EDC, Cheriyavattam Thavalam
43. Mr. N.T. Chacko, Member, SAP EDC, Cheriyavattam Thavalam
44. Mr. Chandrasekharan, Member, SAP EDC, Cheriyavattam Thavalam
45. Mr. Kunjumon, Member, SAP EDC, Cheriyavattam Thavalam
46. Mr. M.K. Thaji, Member, SAP EDC, Cheriyavattam Thavalam
47. Mr. Prasad V.K., Member, SAP EDC, Cheriyavattam Thavalam
48. Mr. V.K. Pradeep, Member, SAP EDC, Cheriyavattam Thavalam
49. Mr. N.J. Sebastian, Member, SAP EDC, Cheriyavattam Thavalam
50. Mr. C.R. Raju, Member, SAP EDC, Cheriyavattam Thavalam
51. Mr. P.K. Sukumaran, Member, SAP EDC, Cheriyavattam Thavalam
52. Mr. C.D. Gopalakrishnan, Member, SAP EDC, Cheriyavattam Thavalam
53. Mr. C.G. Ravi, Member, SAP EDC, Cheriyavattam Thavalam
54. Mr. P.S. Pradeep, Member, SAP EDC, Cheriyavattam Thavalam
55. Mr. A.S. Philip, Member, SAP EDC, Cheriyavattam Thavalam
56. Mr. M.K. Kunjumon, Member, SAP EDC, Cheriyavattam Thavalam
57. Mr. M.G. Rajendran, Member, SAP EDC, Cheriyavattam Thavalam
58. Mr. M.G. Pradeep, Member, SAP EDC, Cheriyavattam Thavalam
59. Mr. N.D. Prabhakaran, Member, SAP EDC, Cheriyavattam Thavalam
60. Mr. K.V. Sukumaran, Chairman, Mattupetty EDC
61. Ms. Smitha, Secretary Thulasi SHG, Mattupetty EDC
62. Ms. Saroja, Member, Mattupetty EDC
63. Ms. Saraswaty, Member, Mattupetty EDC
64. Mr. Chellayya, Member, Nature Club, Mattupetty EDC

List of Persons Met by the Consultants during 2nd Field Visit

List of Officials

1. Mr. A.K. Bhardwaj, Field Director, PTR
2. Mr. Pramod Krishna, Eco Development Officer, PTR
3. Mr. A.G. Sunil Kumar, Forest Guard
4. Mr. Abdul Basheer, Eco-Tourism Officer, PTR
5. Mr. C.G. Sunil, Assistant Education Officer, PTR
6. Mr. M. Harikrishnan, Forester, PTR
7. Mr. Vijay V. Thomas, Forest Guard, PTR
8. Mr. Mohmed Ashraf, Deputy Ranger (Coordinator), Member Secretary
9. Dr. Veeramani, Consultant Ecologist

Project Beneficiaries

10. Mr. Rajmani, Member Chairman, Cylone Colony EDC
11. Mr. Ramayaya, Member, Cylone Colony EDC
12. Mr. Panchuarna, Member, Cylone Colony EDC
13. Mr. Ishaq, Member, Cylone Colony EDC
14. Mr. T. Raja, Member, Cylone Colony EDC
15. Mr. Krishna Swami, Member, Cylone Colony EDC
16. Mr. Kolandnedi, Member, Cylone Colony EDC
17. Mr. Ebrahim, Member, Cylone Colony EDC
18. Mr. Muruga Das, Member, Cylone Colony EDC
19. Mr. V. Jai Raj, Member, Cylone Colony EDC
20. Mr. Narayanan, Member, Cylone Colony EDC
21. Mr. M. Silva, Member, Cylone Colony EDC
22. Mr. K. Krishna, Member, Cylone Colony EDC
23. Mr. R. Udai Kumar, Member, Cylone Colony EDC
24. Mr. R. Kamalhassan, Member, Cylone Colony EDC
25. Ms. Rama, Member, Cylone Colony EDC
26. Mr. K. Balu, Member, Cylone Colony EDC
27. Mr. B. Raju, Member, Cylone Colony EDC
28. Mr. T. Krishna, Member, Cylone Colony EDC
29. Ms. T. Kalpana, Member, Cylone Colony EDC
30. Ms. Murugamma, Member, Cylone Colony EDC
31. Ms. Maharatti, Member, Cylone Colony EDC
32. Ms. Dhan Rani, Member, Cylone Colony EDC
33. Mr. Shivaigari, Member, Cylone Colony EDC
34. Ms. Chittaramma, Member, Cylone Colony EDC
35. Ms. Parpati, Member, Cylone Colony EDC
36. Ms. Sauda, Member, Cylone Colony EDC
37. Ms. Parvati Rama, Member, Cylone Colony EDC
38. Ms. Chandama Mevi Madhavan, Member, Cylone Colony EDC
39. Ms. Usha Koranjbelu, Member, Cylone Colony EDC
40. Ms. Lila Tirupati, Member, Cylone Colony EDC
41. Mr. Paripuram Ponnaiya, Member, Cylone Colony EDC
42. Mr. Ratnamala Udai, Member, Cylone Colony EDC
43. Ms. Priya Raju, Member, Cylone Colony EDC
44. Ms. Penchiamma Raju, Member, Cylone Colony EDC

45. Ms. Prabha, Member, Cylone Colony EDC
46. Ms. Rashmi Rajmati, Member, Cylone Colony EDC
47. Ms. Puspam Laxman, Member, Cylone Colony EDC
48. Mr. Sundaran Narayan, Member, Cylone Colony EDC
49. Ms. Sudha Vijayan, Member, Cylone Colony EDC
50. Mr. Radhakrishnan, Chairman Vanchivayal EDC
51. Mr. Sudhakaran, Member, Vanchivayal EDC
52. Mr. Ramesh, Member, Vanchivayal EDC
53. Mr. Shashi, Member, Vanchivayal EDC
54. Mr. Jaison, Member, Vanchivayal EDC
55. Mr. Sunil, Member, Vanchivayal EDC
56. Ms. Rajani, Member, Vanchivayal EDC
57. Ms. Raji Mohan, Cheque Member, Vanchivayal EDC
58. Ms. Vasanta Vijayan, Member, Vanchivayal EDC
59. Mr. Mathew Thomas, Chairman, Vallakkadavu I EDC
60. Mr. Abdul Salam, Member, Vallakkadavu I EDC
61. Mr. V.M. Khan, Member, Vallakkadavu I EDC
62. Ms. Jayashree Vijayan, Member, Vallakkadavu I EDC
63. Ms. Lilamma Thomas, Member, Vallakkadavu I EDC
64. Ms. Saina Babu Bekar, Member, Vallakkadavu I EDC
65. Ms. Maria Das, Member, Vallakkadavu I EDC
66. Ms. Ramedy Rajendran, Member, Vallakkadavu I EDC
67. Mr. Sanj Matekara, Member, Vallakkadavu I EDC
68. Mr. V. Gurudas, Member, Vallakkadavu I EDC
69. Mr. K.E. James, Member, Vallakkadavu I EDC
70. Mr. M. Arunmani, Member, Vallakkadavu I EDC
71. Ms. Laila Kabir, Member, Vallakkadavu I EDC
72. Ms. Subhadra Aiyapan, Member, Vallakkadavu I EDC
73. Ms. Madhvi, Member, Vallakkadavu I EDC
74. Ms. Mini Thomas, Member, Vallakkadavu I EDC
75. Ms. Laila Mazid, Member, Vallakkadavu I EDC
76. Mr. Biju V. Thomas, Member, Vallakkadavu I EDC
77. Mr. Shaji Kursimod, Chairman, Vallakkadavu IV EDC
78. Mr. Joseph Mathew, Member, Vallakkadavu IV EDC
79. Mr. Jose Pidiqui, Member, Vallakkadavu IV EDC
80. Ms. Lilama Mathew, Member, Vallakkadavu IV EDC
81. Ms. Rajapadi, Member, Vallakkadavu IV EDC
82. Ms. Merry Joseph Member, Vallakkadavu IV EDC
83. Ms. Fathimma Member, Vallakkadavu IV EDC
84. Mr. N. Sridharan, Member, Vallakkadavu IV EDC
85. Mr. V. Sarkorner, Member, Vallakkadavu IV EDC
86. Mr. R. Selvam, Member, Vallakkadavu IV EDC
87. Mr. K.J. Jose, Member, Vallakkadavu IV EDC
88. Ms. Gracykutty, Chairperson, Kollampattada I, EDC
89. Ms. Rajni, Member, Kollampattada I, EDC
90. Mr. P.T. Joseph, Member, Kollampattada I, EDC
91. Ms. Shashikala, NGI, Kollampattada I, EDC
92. Mr. Rajappan, Chairman, Tribal Trekkers EDC
93. Mr. Rajan, Member, Tribal Trekkers EDC
94. Mr. Jayant, Member, Tribal Trekkers EDC
95. Mr. Shaji, Member, Tribal Trekkers EDC

96. Mr. Karman, Member, Tribal Trekkers EDC
97. Mr. Naushad, Chairman, Ex Vayana EDC
98. Mr. Sudhakaran, Executive Committee Member, Ex Vayana EDC
99. Mr. C.C. Thomas, Executive Committee Member, Ex Vayana EDC
100. Mr. T.J. Babu, Member, Ex Vayana EDC
101. Mr. Shaji, Executive Committee Member, Tribal Heritage EDC
102. Mr. Bendi, Executive Committee Member, Tribal Heritage EDC
103. Mr. Thankappan, Executive Committee Member, Tribal Heritage EDC
104. Ms. Latha, Executive Committee Member, Tribal Heritage EDC
105. Mr. Babu Kutty, Chairman, Pets EDC

List of Persons Met by the Consultants during 3rd Field Visit

List of Officials

1. Mr. A.K. Bhardwaj, Field Director, PTR
2. Mr. Pramod Krishna, Eco Development Officer, PTR
3. Mr. Abdul Basheer, Eco-Tourism Officer, PTR
4. Mr. G.G. Joseph, Deputy Director
5. Mr. P.J. Joseph, Range Officer
6. Mr. M. Babu, Forester
7. Mr. Mohan Ashraf, Deputy Ranger (Coordinator), Member Secretary
8. Mr. Viju Thomas, Forester
9. Mr. P.N. Sebastian, NGI

Project Beneficiaries

10. Mr. Rajappan, Chairman, Tribal Trekker EDC
11. Mr. Kutappan, Member, Tribal Trekker EDC
12. Mr. Rajan, Member, Tribal Trekker EDC
13. Mr. Vijayan, Member, Tribal Trekker EDC
14. Mr. Ayappan, Member, Tribal Trekker EDC
15. Mr. A. Rajkumar, Member, Tribal Trekker EDC
16. Mr. V. Narayan, Member, Tribal Trekker EDC
17. Mr. G. Babu, Member, Tribal Trekker EDC
18. Ms. Omana, Member, Tribal Trekker EDC
19. Mr. Sahji, Chairman, Vallakkadavu IV
20. Mr. Jose Sebastian, Member, Vallakkadavu IV
21. Mr. A. Mathew, Member, Vallakkadavu IV
22. Ms. Leelamma Mathew, Member, Vallakkadavu IV
23. Ms. Anamma Joseph, Member, Vallakkadavu IV
24. Mr. Mathew Thomas, Chairman, Vallakkadavu I EDC
25. Mr. Abdul Salam, Member, Vallakkadavu I EDC
26. Mr. V.M. Khan, Member, Vallakkadavu I EDC
27. Ms. Lilamma Thomas, Member, Vallakkadavu I EDC
28. Ms. Saina Babu Bekar, Member, Vallakkadavu I EDC
29. Ms. Maria Das, Member, Vallakkadavu I EDC
30. Ms. Ramedy Rajendran, Member, Vallakkadavu I EDC
31. Mr. Sanj Matekara, Member, Vallakkadavu I EDC
32. Mr. V. Gurudas, Member, Vallakkadavu I EDC
33. Mr. K.E. James, Member, Vallakkadavu I EDC
34. Mr. Shaji Kursimod, Chairman, Vallakkadavu IV EDC
35. Mr. Joseph Mathew, Member, Vallakkadavu IV EDC
36. Mr. Jose Pidiqi, Member, Vallakkadavu IV EDC
37. Ms. Lilama Mathew, Member, Vallakkadavu IV EDC
38. Mr. Rajapadi, Member, Vallakkadavu IV EDC
39. Ms. Merry Joseph, Member, Vallakkadavu IV EDC
40. Ms. Fathimma, Member, Vallakkadavu IV EDC
41. Mr. N. Sridharan, Member, Vallakkadavu IV EDC
42. Mr. V. Sarkorner, Member, Vallakkadavu IV EDC
43. Mr. R. Selvam, Member, Vallakkadavu IV EDC
44. Mr. Naushad, Chairman, Ex. Vayana EDC

45. Mr. Sudhakaran, Executive Committee Member, Ex. Vayana EDC
46. Mr. C.C. Thomas, Executive Committee Member, Ex. Vayana EDC
47. Mr. T.J. Babu, Member, Ex. Vayana EDC
48. Mr. Thankappan, Executive Committee Member, Tribal Heritage EDC
49. Ms. Latha, Executive Committee Member, Tribal Heritage EDC
50. Mr. P. Suresh, Member, Tribal Heritage EDC
51. Mr. K.P. Sashi, Member, Tribal Heritage EDC
52. Mr. M. Krishnan Kutty, Member, Tribal Heritage EDC
53. Mr. P. Vallayan, Member, Tribal Heritage EDC
54. Mr. P. Ganapati, Member, Tribal Heritage EDC
55. Mr. K. Wilson, Member, Tribal Heritage EDC
56. Mr. A. Anil, Member, Tribal Heritage EDC
57. Mr. M.N. Benny, Member, Tribal Heritage EDC

Environmental Impact Assessment

PA: PeriyarTiger Reserve

Filled by: DCF (EDO)

Date: 23/01/04

Issue and Criterion for EIA	Score	Comments
1. PA Management Plan Implementation		
a. Approved PA management plan is available but not yet implemented	1	
b. Approved PA management plan is available but partially implemented due to constraints	2	
c. Approved management plan is being implemented to the satisfaction of PA authorities	3✓	Management plan is being revised incorporating recent bifurcation of PTR and to include the lessons from ongoing ecocodevelopment programme
2. Management Plan & Stakeholders		
a. The planning process does not allow adequate opportunities for key stakeholders to influence the management plan	1	
b. The planning process provides inadequate opportunities for key stakeholders to influence the management plan	2	
c. The planning process provides adequate opportunities for key stakeholders to influence the management plan	3✓	No Comments
3. Management intervention		
a. Management interventions, as per the approved plan are known but not being implemented	1	
b. Management interventions required are known but only partially implemented due to constraints	2	
c. Management interventions required are known and are being fully implemented	3✓	No Comments

4. PA Resource Management		
a. PA resources are not being managed as per the approved management plan	1	
b. PA resources are partially being managed as per the approved management plan due to lack of funds, equipments and staff	2	
c. PA resources are being managed satisfactorily according to the prescriptions of the approved management plan	3✓	No Comments
5. PA resource use		
a. Intensity of PA resource use (fuelwood extraction, grazing etc) has reduced slightly due to limited interventions to control resource use	1	
b. Intensity of PA resource use due to adequate interventions	2	
c. Intensity of PA resource use has reduced substantially due to various interventions and new interventions are under implementation to further reduce PA resource use	3✓	No Comments
6. Control of land use and activities in PA neighbourhood		
a. Mechanisms for controlling inappropriate land use and activities are in place but are ineffective	1	
b. Such mechanisms exist but are only partially implemented resulting in only limited control of land use and activities	2✓	1. Difficult terrain and inaccessibility of core areas. 2. Porous border and in effective buffer on the other side of Tamil Nadu boundary where people are socio-economically backward.
c. Such mechanisms are being implemented effectively and there are evidence to measure their outcome	3	
7. Neighbours		
a. Cordial contact between PA authorities and owners and managers of adjoining land is not there	1	

b. There is limited contact and there is limited cooperation in controlling activities on adjoining lands that have negative impact PA	2✓	No Comments
c. There is regular contact and issues of mutual concerns are adequately and satisfactorily addressed	3	
8. Law Enforcement		
a. The staff have no effective capacity / resources to enforce protected area legislation and regulation	1	
b. The staff have acceptable capacity / resources to enforce protected area legislation and regulation, but some deficiencies remain	2✓	No Comments
c. The staff have excellent capacity / resources to enforce protected area legislation and regulation.	3	
9. Visitors		
a. Visitors to the PA negatively impact PA and the management has not been able to address this at all	1	
b. Visitors to the PA negatively impact PA and the management has worked out an action plan to contain this, which is only partially implemented yielding only limited success	2	
c. Visitors to the PA negatively impact PA and the management has worked out an action plan to contain this, which is fully being implemented yielding desired or near-desired success	3✓	No Comments
10. Tourism		
a. Tourism has increased but facilities to management them are poor	1	
b. Tourism has increased and there are limited facilities to manage them. New facilities are being developed	2✓	Community based ecotourism programmes initiated through IEP has contributed substantially in this aspect.
c. Tourism has increased and there are adequate facilities for managing them	3	

11. Equipment support		
a. Equipment procured during IEP (Phase I) is inadequate for managing the PA	1	
b. All required equipment has been procured but distributed to limited staff only and only partially used	2✓	No Comments
c. Equipment procured and distributed as per plan and used fully	3	
12. Staff		
a. The staff is inadequate and untrained for carrying out conservation and habitat improvement works	1	
b. The staff is moderate in strength and trained for carrying out conservation and habitat improvement works	2✓	No Comments
c. The staff is adequate and trained for carrying out conservation and habitat improvement works	3	
13. Quantification of Gains from Improved PA Management		
a. Gains achieved through various interventions under Improved PA Management have not been quantified	1	
b. Gains achieved through various interventions under Improved PA Management have been partially quantified and efforts are going on to complete the quantification	2✓	No Comments
c. Gains achieved through various interventions under Improved PA Management have been quantified completely	3	
14. PA biodiversity		
a. Entire PA biodiversity has not been inventoried and there are no on going efforts to do so	1	
b. Updated checklists are available for major groups and efforts are on to map the entire PA biodiversity have started	2✓	No Comments
c. Entire PA biodiversity has been mapped at least once	3	

15. Threats to PA		
a. Threats to PA resources have been assessed but no action plan is available to counter them	1	
b. Threats have been assessed and an action plan has been developed but yet not or only partially implemented	2✓	No Comments
c. Action plan, based on the approved management plan, to counter threats is completely operationalized	3	
16. PA Habitat		
a. There is little or no information available on the critical habitat and these have not been surveyed	1	
b. Information on critical habitats is not sufficient to support planning and decision making, but these have been surveyed at least once.	2✓	No Comments
c. Information on critical habitats is sufficient to support planning and decision making, and these have been surveyed occasionally.	3	
17. Habitat restoration		
a. Only limited works have been undertaken as per the PA management plan	1	
b. Restoration works are satisfactory but results yet to be observed/assessed	2✓	No Comments
c. Restoration works have started yielding desired results and more works are underway	3	
18. PA protection system		
a. Protection systems (patrols, check posts etc) have been established but are ineffective in controlling access or use of PA in accordance with designed objectives	1	
b. Protection systems are only partially effective and only a few successful cases are available as evidence	2	

c. Protection systems are very successful in positively impacting PA conservation and the results can be quantified	3✓	No Comments
19. Education and Awareness		
a. Education and Awareness activities were undertaken but stakeholders continue to negatively impact the PA	1	
b. Education and Awareness activities have had partial success in reducing negative impact by stakeholders	2	
c. Education and Awareness activities have had good success in reducing negative impact by stakeholders	3✓	No Comments
20. Research Studies		
a. Only limited research studies were awarded during Phase I of IEP, the findings of which have not been used in managing the PA	1	
b. Important research studies were awarded during Phase I of IEP, the findings of which have been partially used in managing the PA	2✓	No Comments
c. Important research studies were awarded during Phase I of IEP, the findings of which have been useful and effective in managing the PA	3	
21. Soil & Water Conservation		
a. S&M works were undertaken on a limited scale due to lack of adequate funds and trained staff resulting in no or insignificant improvement in conservation of soil and water	1✓	In the context of Periyar Tiger Reserve, S&M works are not much relevant.
b. S&M works were undertaken as planned and adequate funds and trained staff was available for implementing them, resulting in noticeable improvement in conservation of soil and water, however, such improvement can not be quantified	2	

c. S&M works were undertaken as planned and adequate funds and trained staff was available for implementing them, resulting in significant improvement in conservation of soil and water, which has been quantified.	3	
22. Vegetation Status in the PA		
a. Various efforts under Improved PA Management has contributed only partially to the improvement of vegetation in the PA and such improvement cannot be measured in terms of increase in forest area, density, canopy cover, biomass etc	1	
b. Various efforts under Improved PA Management has contributed to the improvement of vegetation in the PA but such improvement cannot be measured in terms of increase in forest area, density, canopy cover, biomass etc	2✓	No Comments
c. Various efforts under Improved PA Management has contributed significantly to the improvement of vegetation in the PA and such improvement can be measured in terms of increase in forest area, density, canopy cover, biomass etc	3	
23. Status of Wildlife		
a. There is no information on the population sizes of endangered and vulnerable species and population of dominant species show a declining trend	1	
b. There is limited information on the population sizes of endangered and vulnerable species and population of both endangered and dominant species show a stable trend	2✓	Wildlife population is on the rising
c. There is adequate information on the population sizes of endangered and vulnerable species and population of both endangered and dominant species show an increasing trend	3	

24. PA Budget		
a. The available budget is Inadequate for basic management needs and presents a serious constraint to the capacity to manage	1	
b. The available budget is acceptable, but could be further improved to fully achieve effective management	2✓	This is particularly relevant when the ongoing IEDP is going to be over during next year.
c. The available budget is sufficient and meets the full management needs of the protected area	3	
25. Economic Benefit Assessment		
a. The existence of the protected area has reduced the options for economic development of the local communities	1	
b. There is some flow of economic benefits from the existence of the protected area, but this is of minor significance.	2	
c. There is a significant flow of economic benefits to local communities from activities in and around the PA (employment of locals, locally operated commercial tours, etc.)	3✓	Area gets large influx tourists (about 4.5 lakhs in a year) and pilgrims (about 5 million in 2 months time)
26. Monitoring and Evaluation		
a. There is no monitoring and evaluation in the PA	1	
b. There is some <i>ad hoc</i> monitoring and evaluation, but no overall strategy adopted	2✓	No Comments
c. There is an agreed and implemented monitoring and evaluation system	3	
Total Score	60	

Analysis of threats to PA resources including threats to biodiversity

Protected Area: Periyar Tiger Reserve

Filled By: Mr Promod Krishanan

Designation: D.D.& EDO

1. Kindly fill out all columns. If there is no data available kindly indicate "Data Not Available (DNA)" in the relevant column
2. Add any other relevant threat if that has not been reflected in the table below

Threat	Baseline Status of Threat at the Time of Project Start (Phase I)	Status of Threat (in terms of % reduction as against baseline) at the end of Phase I	Proposed Actions during Phase II & III to counter the prevailing threats	Expected Status of Threat at Project Completion (Phase III) (in terms of % reduction as against baseline)	Severity of Threats (On a scale of 1 to 10) and Major Sources of Threats
Grazing	No. of cattle visiting PA: 2000	No. of cattle visiting PA: 1200	<ul style="list-style-type: none"> - Limited grazing - Replacing of unproductive animals with hybrid ones - Promote stall feeding - Regulated grazing - Change in Employment - reduction in cattle number 	No. of cattle visiting PA: 45%	5 (Least)
	Average amount of biomass consumed: Not Assessed	Average amount of biomass consumed: Not Assessed		Average amount of biomass consumed: Being assessed	
	Average PA area affected due to grazing: 20 km ²	Average PA area affected due to grazing: 10 km ²		Average PA area affected due to grazing: 30%	
Fuelwood Collection from PA	Average extraction from PA: Personal use- 10601210 kg Sale - 3042160 kg	Average extraction from PA: Pers. use- 6063195 kg Sale- 997420 kg	<ul style="list-style-type: none"> - Distribution of alternative fuel saving devices - Alternate income generating activities through awareness 	Average extraction from PA: 50% (Phase II) 60 - 65 (Phase III)	2

Threat	Baseline Status of Threat at the Time of Project Start (Phase I)	Status of Threat (in terms of % reduction as against baseline) at the end of Phase I	Proposed Actions during Phase II & III to counter the prevailing threats	Expected Status of Threat at Project Completion (Phase III) (in terms of % reduction as against baseline)	Severity of Threats (On a scale of 1 to 10) and Major Sources of Threats
Poaching	The actual cases were not reported, however it was high, based on records and secondary data.	80% reduction in poaching cases	-Strengthening EDC social fencing along Kerala and Tamil Nadu border of Reserve -Improve staff/ infrastructure especially in remote areas.	100%	3
Tourism/ Pilgrimage	Unorganized and unmonitored mass pilgrimage of about 14 Lakh people. PA staff was mere spectators	Not changed as it was not the objective	-Institutionalize existing EDC activities -Forest staff likely to have control over routes presently not under control of Forest Department	Objective is to reduce the negative impact of pilgrimage by 90%	1 (Most)
Collection of NTFP	Lot of non-tribal also entered PA to collect NTFP	Now limited to tribals only, access rules are formed	Problem still exists at Tamil Nadu border of PTR. Efforts need to be taken to check the problem through involvement of EDCS.	50%	4

OFFENCE – RANGE WISE DETAILS FROM 1995 TO 2003
(Position as on 04-02-04)

Sl. No	Year	1995	96	97	98	99	2000	01	02	03	04
VALLAKKADAVU RANGE											
1	Total No. of cases booked	44	27	19	31	39	41	26	7	2	3
2	No. of cases compounded	2	1	-	-	-	-	-	-	-	-
3	Total No. of cases Dropped	-	-	-	1	2	3	1	-	1	-
4	Total No. of Cases Transferred to West Division	17	13	12	25	25	31	23	-	-	-
5	Total No. of cases charged	21	10	4	4	4	6	1	2	0	-
6	Total No. of cases convicted	14	5	-	-	-	-	-	-	-	-
7	Total No. of cases Acquitted / Discharged	6	1	-	-	-	-	-	-	-	-
8	Total No. of cases pending with court	1	4	3	4	4	5	1	2	0	-
9	Form II report pending with RO	-	-	-	-	-	-	-	-	-	-
10	Form II No. pending with DFO	-	-	-	-	-	1	-	-	-	-
11	Total No. of cases pending with Range	4	3	3	1	8	2	1	5	1	-
THEKKADY RANGE											
1	Total No. of cases booked	27	19	19	29	13	25	19	28	36	6
2	Total No. of cases Compounded	3	4	-	6	1	3	2	-	2	-
3	Dropped and Transferred	3	-	-	3	-	-	-	-	-	-
4	Total No. of cases charged	17	10	15	14	4	4	-	7	6	-
5	Total No. of cases convicted	7	1	1	4	0	1	-	-	-	-
6	Total No. of cases Acquitted Discharged	8	5	5	2	-	-	-	-	-	-
7	Total No. of cases pending with court	2	4	9	8	3	4	-	4	-	-
8	Form II report pending with RO	4	5	4	6	8	18	17	15	23	-
9	Form II report pending with DFO	-	-	-	-	-	-	-	6	5	-
10	Total pending cases	4	5	4	6	8	18	17	21	28	-
PERIYAR RANGE											
1	Total No. of cases booked	31	32	35	39	13	7	3	3	3	-
2	Total No. of cases compounded	-	-	-	1	-	-	-	-	-	-
3	Total No. of cases Dropped	-	-	-	-	-	-	-	-	-	-
4	Total No. of cases Transferred	25	19	24	31	11	3	-	2	-	-
5	Total No. of cases charged	6	7	5	2	2	3	-	-	-	-
6	Total No. of cases convicted	3	1	-	-	-	-	-	-	-	-
7	Total No. of cases Discharged / Acquitted	1	1	-	-	-	-	-	-	-	-
8	Total No. of cases pending with court	3	5	5	2	2	-	-	-	-	-
9	Form II report pending with RO	-	6	5	5	-	1	3	1	3	-
10	Form II report pending with DFO	-	-	1	1	-	-	2	-	-	-
11	Total No. of cases pending with Range	-	6	6	5	-	1	3	1	3	-

Details of Wildlife Cases as on 01.04.2004

Year	Forest Range	OR No. & Date of detection	Nature of offence	No. of animals killed	Location where detected	No. of persons accused	No. of persons arrested	Preset stage of the case
1998	Pampa	9/98 25.4.1998	Poaching of a wild Elephant (Male)	1	Pampavalley, Moolakayam	5	5	Under investigation
	Azhutha	17/98 4.08.1998	Poaching of Barking Der (1) and Wild Pig (1)	2	Vallakadavu	1	1	Pending in Range office
1999	Azhutha	10/99 17.3.1999	Seizure of Trophy of Tiger (Skin)	2	Vandiperiyar	1	1	Pending in Range office
	Pampa	28/99 19.9.1999	Poaching of Indian Gaur	1	Pampavalley	1	1	Pending in range office
	Pampa	29/99 20.9.1999	Seizure of skin of Python	1	Pampavalley	1	1	Charged before Court
2000	Pampa	20/00 29.5.2000	Electrocution of monkey	1	Sabarimala	2	Nil	Pending in Range office
	Pampa	23/00 29.5.2000	Killing of mouse deer	1	Sabarimala	1	1	Charged before Court
	Pampa	23/00 29.5.2000	Killing of Porcupine	1	Sabarimala	1	1	Charged before Court
	Pampa	24/00 29.5.2000	Killing of Sambar Deer	1	Sabarimala	1	1	Charged before Court
	Pampa	25/00 30.5.2000	Killing of Indian Porcupine	1	Sabarimala	1	1	Charged before Court
	Azhutha	31/00 26.7.2000	Poaching of Indian Gaur	1	Azhutha	6	1	Pending in Range Office

2001	Azhutha	1/01 21.1.2001	Killing of protected birds	29	Kainakari, Kumarakam	1	1	Pending in Range Office
	Azhutha	3/01 20.2.2001	Fishing by poisoning	-	Azhutha River	4	Nil	Pending in Range Office
	Pampa	10/01 12.6.2001	Poaching of Sambar Deer	1	Sabarimala	2	1	Pending in Range Office
2002	Azhutha	3/02 8.7.2002	Poaching of Indian Gaur	1	Sabarimala	4	4	Charged before Court
2003	Azhutha	5/03 5.10.2003	Poaching of White bellied heron	22	Sasthakulam, Kumarakam	2	2	Pending in Range Office
	Azhutha	8/03 28.11.03	Poaching of Indian Gaur	1	Moozhikkal	4	2	Pending in Range Office

Deputy Director,
Periyar Tiger Reserve, West Division

Annexure VI

Yearwise and Categorywise Expenditure Details upto 2003 (Rs.lakh)

Component	Allocation	Investment Cost											Recurrent Cost (Others)			Total		
		Expenditure by Categories											Allocation	Expd.	Balance	Allocation	Expd.	Balance
		1	2	3	4	5	6	7	Sub total	Benefic. Contrib.	Total	Balance						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Imp. PA mgt.	1393.74	655.75	131.80	30.30	125.75	0.00	0.00	0.00	913.30	0.00	913.30	480.44	278.40	322.62	-44.22	1672.14	1235.92	436.22
Vill. Eco. Prog	2493.24	0.00	56.17	712.62	88.85	31.57	0.00	0.00	889.21	169.00	1058.21	1435.03	9.40	16.55	-7.15	2502.64	1074.76	1427.88
Env. Ed. Aw camp	138.18	24.46	30.77	0.00	33.51	0.00	0.00	0.00	88.74	0.00	88.74	49.44	8.90	11.92	-3.02	147.08	100.66	46.42
Imp mon res	456.05	22.73	26.97	0.00	38.43	0.00	0.00	0.00	88.13	0.00	88.13	367.92	24.33	15.35	8.98	480.38	103.48	376.90
inf tec eq	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
over proj mgt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4481.21	702.94	245.71	742.92	286.54	31.57	0.00	0.00	1979.38	169.00	2148.38	2332.83	321.03	366.44	-45.41	4802.24	2514.82	2287.42

Of the total expenditure on recurrent cost of Rs.366.44 lakhs, Rs.62.95 lakhs is met from GoK share.