

People for Animals – Wildlife Hospital

Bangalore

Annual Report for the year
2017-18

PfA
WILDLIFE
HOSPITAL



PEOPLE FOR ANIMALS™
BANGALORE

CONTENTS

S. No	Section	Page Number
1.	Report of the Officer-in-charge	3
2.	History of the Rescue Centre	3
3.	Vision	3
4.	Mission	3 – 4
5.	Objective	4
6.	About us	4 – 5
7.	Organizational Chart	6
8.	Human Resources for management of Rescue Centre	6 – 7
9.	Capacity Building of Rescue Centre Personnel	7
10.	Rescue Centre Advisory Committee	7
11.	Health Advisory Committee	7
12.	Statement of income and expenditure of the Rescue Centre	7 – 8
13.	Daily feed Schedule of animals	8 – 10
14.	Vaccination Schedule of animals	10
15.	De-worming Schedule of animals	10
16.	Disinfection Schedule	10
17.	Health Check-up of employees for zoonotic diseases	10
18.	Development Works carried out in the Rescue Centre during the year	11
19.	Important Events and happenings	11 – 13
20.	Seasonal special arrangements for upkeep of animals	13
21.	Research Work carried out and publications	13
22.	Rescue and Rehabilitation of the wild Animals	13 – 14
23.	Annual Inventory of animals	Annexure I
24.	Mortality of animals.	Annexure I
25.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	14 – 19

1. Report of the Officer-in-charge

Founded in 1996, People for Animals (PfA) Bangalore has completed 22 years, which is a significant milestone. PfA, Bangalore works towards rescue, treatment, rehabilitation and release of 'urban-wildlife'. To date, PfA Bangalore has rescued over 23,000 urban wildlife spanning 196 species. The wildlife all comes from in and around Bangalore, and after treatment, recovery and rehabilitation, the animals are released into a suitable environment. This Activity report gives an overview of our organization's functioning in the past fiscal year. With no Government funding whatsoever, the organisation operates only on donations received because of goodwill. The much needed expansion and up gradation is delayed due to financial constraints.

PfA, Bangalore is continually striving to reach better standards in animal welfare and involves the public in this process by educating volunteers and the general public about wildlife and animal cruelty and always accepting suggestions during these interactions. The primary goal remains ideal management and protection of the animals entrusted to the organization, and efforts are always directed toward the welfare of animals. The focus of the PfA Bangalore is to set standards in the care, treatment, and rehabilitation of the urban-wildlife in general.

2. History of the Rescue Centre

People for Animals, Bangalore was established in 1996 following the success of PFA, Delhi. Four ardent, committed animal lovers; Mrs. Namrata Dugar, Mrs. Alpana Bhartia, Mrs. Arushi Poddar and Mrs. Gauri Mainihira established the organisation with Mrs. Maneka Gandhi as the de-facto chairperson. PFA Bangalore was initially set up as a mobile veterinary clinic for the service of all animals in distress, but the impressive contribution to wildlife rescue and rehabilitation by the organization prompted the Government of Karnataka to provide PfA with around 6 acres of land near Turahalli forest in the year 2000. Thus the PfA rescue centre came into existence.

In spite of all the urbanisation and development all around, the premises of PfA remains to be a green oasis complete with a thriving population of multiple species of urban wildlife.

PfA Bangalore has received the Venu Menon Memorial Award by International Fund For Animal Welfare and the Wildlife Award from the Karnataka Forest Department.

3. Vision

People for Animals, Bangalore strives to be a model wildlife rescue centre in the country. It aims to rescue urban wildlife including confiscated wild animals with the ultimate goal of releasing back into its natural habitat. PfA Bangalore also aims to be a centre of excellence for training other veterinarians and rehabilitators in the field.

4. Mission

PfA Bangalore works towards rescue, treatment, rehabilitation and release of urban wildlife be it mammals, reptiles or snakes. Conservation of wildlife is achieved by PfA Bangalore through direct intervention in cases of sick, injured, orphaned or displaced

animals as well as through outreach involving education of the general public, especially children.

5. **Objective**

The objectives of PfA Bangalore are as follows:

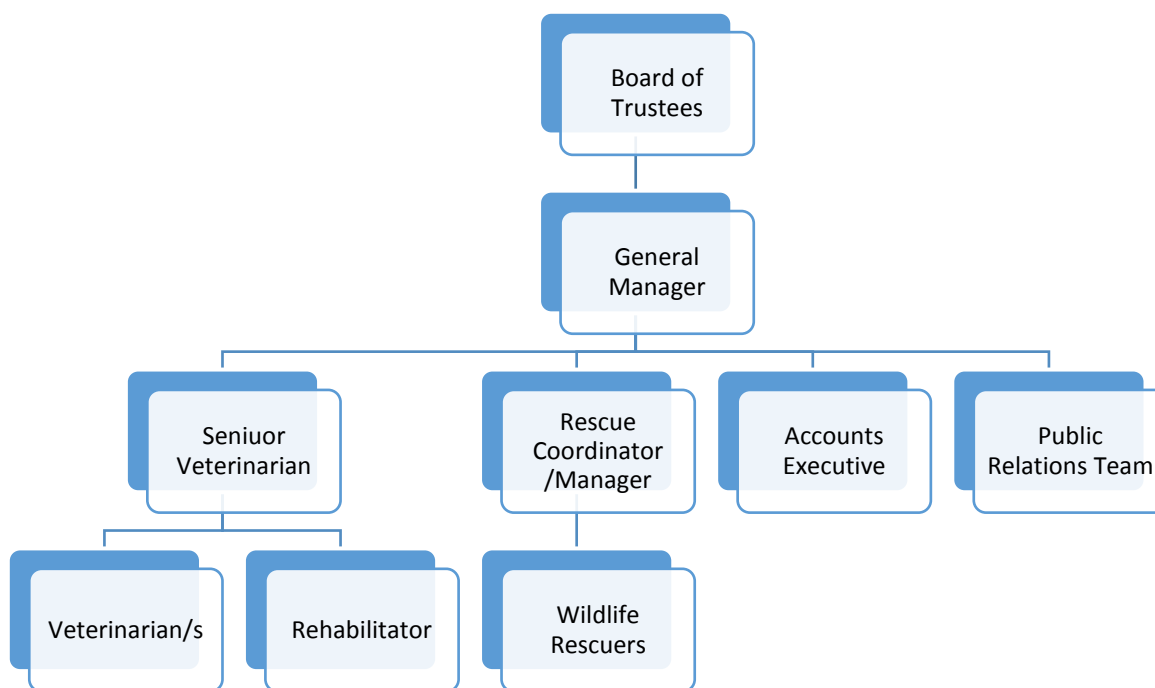
1. To be dedicated to the rescue, emergency medical care and rehabilitation of injured, orphaned and / or displaced urban wildlife.
2. To release healthy animals back into the wild with the help of the Karnataka Forest Dept. when required.
3. To promote the welfare of all animals through awareness programs, workshops and lectures on different classes of wild animals such as mammals, aves and reptiles.
4. To raise funds for animals in distress in different parts of the country through the network of PfAs around India.
5. To fight against illegal wildlife trade and work in collaboration with various organisations including the law-enforcement agencies to confiscate animals protected under the Wildlife Protection Act and ensure their proper relocation / release.
6. To provide lifetime care for animals that cannot survive on their own in the wild due to injuries that have led to permanent disabilities.

6. **About us**

S.No.	Particulars	Information
Basic Information about the Rescue Centre		
1	Name of the Rescue Centre	People for Animals, Wildlife Hospital and Rescue center, Bangalore
2	Year of Establishment	1996
3	Address of the Rescue Centre	# 67, Adjacent to BGS Global Hospital, Uttarahalli Kengeri Main Road, Kengeri, Bangalore – 560060.
4	State	Karnataka
5	Telephone Number	+91 9900025370 / 9980339880
6	Fax Number
7	E-mail address	gm@peopleforanimalsbangalore.org
8	Website	www.peopleforanimalsbangalore.org
9	Distance from nearest	Airport: 52 km

S.No.	Particulars	Information
		Railway Station: 16 km
		Bus Stand: < 2 km
10	Recognition Valid upto (Date)	23.01.2018 Requisition for renewal has been sent. (Ref. No.: PFA-BNG-04-2018)
11	Area (in Hectares)	2.584
Management Personnel of the Rescue Centre		
12	Name with designation of the Officer in-charge	Colonel. Dr. Navaz Shariff. General Manager
	Name of the Veterinary Officer	Dr. Karthik, M.
	Name of the Curator
	Name of the Biologist
	Name of the Compounder/ Lab Assistant
Owner / Operator of the Rescue Centre		
13	*Name of the Operator	Alpana Bhartia
14	Address of the Operator	People for Animals, # 67, Adjacent to BGS Global Hospital, Uttarahalli Kengeri Main Road, Kengeri, Bangalore – 560060.
15	Contact details/Phone number of Operator	080 – 28611986
16	E-mail address of Operator	alpanapfa2@gmail.com

7. Organizational Chart of the Rescue Centre



8. Human Resources deployment for management of Rescue Centre (Officer in-charge to Animal Keeper - Sanctioned posts, in-position and vacant posts)

Human Resources of the Rescue Centre*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	General Manager	1	Colonel. Dr. Navaz Shariff
2.	Senior Veterinarian	1	Dr. Karthik, M.
3.	Veterinarians	2	Dr. Meghana, P. Dr. Silambarasan, R.
4.	Rehabilitator	1	Syed Abrar
5.	Rescue Coordinator	1	Hishitha Jagadish
6.	Accounts Executive	1	Chithra J.M.
7.	Humane Outreach / Utilities In-charge	1	Sree Kumar T.
8.	Fundraising Officer	1	Juhi Jayanandan
9.	Community Outreach Officer	2	Anuradha P. Rao Spoorthi Purushothama
10.	Wildlife Rescuers	4	Naveen, S. Poorna Chandra Tejaswi Anand, B. N. Chandan Kumar, S. M.

11.	Driver	1	Ismail Shariff
12.	Ground Staff	9	Subbanna, S. Suresh, S. D. Jagadeesh kumar Byatraju Govindraaj Bhagyamma Mayamma Muni Rathnamma Lokamma

9. Capacity Building of Rescue Centre personnel

The rescue team was given training on the animal laws of the country – PCA-1960, WPA 19672, relevant sections of the IPC 1860, Karnataka Police Act etc

Training was imparted to the rescue team for tree climbing and scaling heights to equip them for efficient and safe rescue of animals from heights.

10. Rescue Centre Advisory Committee

a. Date of constitution: 14.03.2017

b. Members: Mrs. Suparna Ganguly Mrs. Brindha Nandakumar, Mrs. Shiela Rao and Mr. Prem Koshi.

c. Dates on which Meetings held during the year: 21st April 2017, 17th June 2017 and 26th November 2017

11. Health Advisory Committee of the Rescue Centre

a. Date of constitution: From the time of launch

b. Members: Mrs. Alpana Bhartia, Mrs. Suparna Ganguly (Since 14.03.17), Mr. Subru, S. (Since 14.03.17) and the Veterinary team.

c. Dates on which Meetings held during the year: First week of every month.

12. Statement of income and expenditure of the Rescue Centre

Month	Income	Expenditure
January	890431	576691
February	821920	679518
March	1568612	736303
April	665428	859320

May	625318	755173
June	616811	770541
July	745622	1075386
August	915760	1087334
September	934820	897916
October	608150	862957
November	853731	1190857
December	963350	836935
Total	10209953	10328931

13. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity (g) / day		Day of fasting
			Winter	Summer	
1.	Bonnet Macaque (Adult)	Vegetables (Mixed)	400	400	None
		Fruits (Mixed)	400	400	
		Sprouts	200	200	
	Bonnet Macaque (Neonates and Juveniles)	Lactogen (Stage III)	10 to 100 ml	10 to 100 ml	None
		Vegetables (Mixed)	50 – 150	50 – 150	
		Fruits (Mixed)	50 – 150	50 – 150	
		Sprouts	25 – 80	25 – 80	
2.	Three Striped Palm Squirrel (Neonates and Juveniles)	Feeding formula	0.5 to 1 ml	0.5 to 1 ml	None
		Fruits	5 – 15	5 – 15	
		Sunflower seeds	2 – 4	2 – 4	
	Three Striped Palm Squirrel (Sub adults and Adults)	Fruits	15 – 25	15 – 25	None
		Sunflower seeds	4 – 6	4 – 6	
		Ground nut	10	10	
2.	Black Kite (Chick)	Meat	30 – 100	30 – 100	None
	Black Kite (Adult)	Meat	100 – 120	100 – 120	
3.	Brahminy Kite (Chick)	Meat	30 – 100	30 – 100	None
	Brahminy Kite (Adult)	Meat	100 – 120	100 – 120	
4.	Rose Ringed Parakeet (Adult)	Fruits	40	40	None
		Seeds	6 – 8	6 – 8	
		Sprouts	20	20	
	Rose Ringed Parakeet (Chick)	Fruits	25	25	None
		Seeds	3 – 5	3 – 5	
		Sprouts	10	10	
5.	Barn Owl (Chick)	Meat	50 – 100	50 – 100	None
		Dead Mice	1 / two days	1 / two days	
	Barn Owl (Adult)	Meat	120	120	
		Live / Dead Mice	1	1	
6.	Spotted Owlet (Chick)	Meat	20 – 40	20 – 40	None

		Dead mice (minced)	10 – 20	10 – 20	
	Spotted Owlet (Adult)	Meat	60	60	
		Mice (Sub adult)	1	1	
		Worms	25 – 30	25 – 30	
7.	Crow (Chick)	Meat	20 – 40	20 – 40	None
		Fruits	20 – 30	20 – 30	
	Crow (Adult)	Meat	50 – 75	50 – 75	
		Fruits	30 – 40	30 – 40	
8.	Asian Koel (Chick)	Meat	20 – 40	20 – 40	None
		Fruits	20 – 40	20 – 40	
	Asian Koel (Adult)	Meat	30 – 40	30 – 40	
		Fruits	40 – 50	40 – 50	
9.	Pond Heron (Chick)	Fish	50 – 80	50 – 80	None
		Worms	10 – 15	10 – 15	
	Pond Heron (Adult)	Fish	80 – 100 nos.	80 – 100 nos.	
		Worms	20 – 25	20 – 25	
10.	Cattle Egret (Chick)	Worms	10 – 20	10 – 20	None
	Cattle Egret (Adult)	Worms	20 – 30	20 – 30	
11.	Peafowl (Chick)	Worms	10 – 20	10 – 20	None
		Fruits	20 – 100	20 – 100	
		Sprouts	20 – 40	20 – 40	
		Boiled Egg with shell	Half	Half	
	Peafowl (Adult)	Worms	30 – 50	30 – 50	
		Fruits	200	200	
		Sprouts	100	100	
		Boiled Egg with shell	1	1	
12.	Barbet (Chick)	Worms	10 – 15	10 – 15	None
		Fruits	10	10	
	Barbet (Adult)	Fruits	15 – 20	15 – 20	
13.	Bul Bul (Chick)	Worms	5 – 10	5 – 10	None
		Fruits	5 – 10	5 – 10	
	Bul Bul (Adult)	Worms	2 – 5	2 – 5	
		Fruits	15 – 20	15 – 20	
14.	Myna (Chick)	Worms	20 – 30 nos.	20 – 30 nos.	None
	Myna (Adult)	Worms	30 - 45 nos.	30 - 45 nos.	
15.	Snakes (Hatchlings)	Meal Worms	2 – 6 nos.	2 – 6 nos.	None
		Super Worms	1 – 2 nos.	1 – 2 nos.	
16.	Snakes (Adult)	Meal Worms	2 – 8 nos.	2 – 8 nos.	None
		Super Worms	2 – 10 nos.	2 – 10 nos.	
		Live Prey	1 – 2 / 5-7 days	1 – 2 / 5-7 days	
17.	Monitor Lizard	Meat	150	150	None

		Live Prey	1 / 3-5 days	1 / 3-5 days	
18.	Star Tortoise	Vegetables	20 – 50	20 – 50	None
		Melon	2 – 5	2 – 5	
		Meal Worms	2 – 4	2 – 4	
19.	Terrapins and Turtles	Meal worms	2 – 3	2 – 3	
		Fish and Prawn	50	50	

Note: As PfA Bangalore is a rescue centre, the animals are provided with food and prey that they are accustomed to or as close as can be accustomed to in the wild. Accordingly, based on the species, their health conditions, age, weight and so on, the food items in the aforementioned chart are adjusted. Example: Terrapins will be given live guppies, Peafowl will be given termites, Bulbuls will be given mulberries and cherries and so on.

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	Bonnet Macaque	Tetanus	Tetanus Toxoid	Any Macaque rescued has an infected wound / s	...

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1.	Bonnet Macaque	Fenbendazole + Piperazine / Triclabendazole + Ivermectin/ Praziquantel + Piperazine + Fenbendazole /	Every 3 months (Shuttle Program)

16. Disinfection Schedule

All enclosures and cages are fumigated twice a year. Once empty, enclosures are turned out, removing all enrichment and earth; and then disinfected thoroughly before a new animal is housed in it. Phenol is used as a disinfectant for daily cleaning.

17. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up

There is no prevalence of zoonotic diseases w.r.t. the animals we rescue.

18. Development Works carried out in the Rescue Centre during the year

Operation theatre work was completed and a 47 litre portable oxygen cylinder installed. Orders have been placed for a V-top stainless steel surgical table and an incubator.

The OT has a post-operative/recovery room which will house the critical cases for pre and post-operative treatment.

The X ray unit is also attached to the OT so that survey radiographs during surgery and post-operative radiographs can be taken easily and without causing further distress and trauma to the animals. A split air-conditioner is installed in the OT to aid the sterility of the environment and maintain a constant temperature.

19. Important Events and happenings

- 4 Indian Pond Terrapins which were maintained in a temple tank were rescued after counselling temple staff. The Terrapins were successfully rehabilitated and released in a suitable habitat
- On world environment day, 32 children from Sri Nidhi Charitable and Educational Trust were invited to the centre for an awareness program aimed at acquainting about the importance of flora & fauna around us. The program concluded with a sapling planting drive
- Three eggs of Indian Pond Terrapin hatched after artificial incubation and the hatchlings released in a suitable habitat.
- Successful rehab and release of an orphaned Jungle Cat kitten . One of the enclosures was modified to create an environment mimicking his wild habitat including rat holes, bushes, rock formations, water body and so on which also helped the live prey introduced through a chute to hide. Human exposure was completely curtailed.
- A photography workshop was organized for National Camera Day. Renowned wildlife photographer Mr. Manju Acharya spoke on the "*Importance of Ethics in Wildlife Photography*".
- PfA conducted a sketching competition along with its regular awareness program for the children of Sri Kumaran Children's Home, on occasion of "ETCH A SKETCH DAY on the theme "SAVE NATURE FOR OUR FUTURE".
- The festival of snake worship, Nagpanchami was observed in PfA with a focus on conservation of snakes. 50 students from "Balya Vidya Mandir" a home run for orphans by the Annapurna Charitable Trust were present for an awareness talk "Kill the myth and not the snake". The talk focused on the importance of snakes in the ecosystem and more importantly on dispelling myths & superstitious beliefs about snakes.
- PfA organised a workshop for veterinary and zoology student on World Snake Day. Titled **Herps – Knowing them better**, the workshop covered topics ranging from anatomy, behaviour, identification, classification and a lot more.
- 50 NSS students from St. Josephs College participated in the Independence Day celebrations at PfA. The workshop that followed the flag hoisting introduced the

students to the basics of handling of small birds and mammals and the demo was shown using soft toys to give the students a realistic understanding on how an animal or a bird has to be picked or housed before it reaches a rescue and rehabilitation centre. The students also engaged themselves in shelter painting and clean up.

- PfA also observed the World Photography Day. Eminent wildlife photographer and naturalist A K Raju gave an excellent and informative talk emphasizing on various components of nature and its importance. The participants from the Infosys nature club loved the nature walk and session on macro photography followed by an interactive quiz on wildlife.
- Children from Poorna Prajna Education Centre and DAV Public school were made aware of the importance of wildlife. The kids were also a part of a quiz on urban wildlife, a sketching competition, and took an oath promising to contribute to animal welfare.
- Students from Chittrakoota High school and Sri Kumarans Public school visited PfA as a part of their field visit. They were made aware of the importance of urban wildlife and the need to save them. The kids actively took part in a greeting card making competition and a quiz on animals.
- The PfA team were invited to the Canadian International School to conduct an awareness program to students of the 9th and 10th grades, where a talk on bats and their lives were given.
- **HAWO training:** Honorary Animal Welfare Officer training conducted for volunteers and animal activists by Humane Society International- India, Wildlife Rescue & Rehabilitation Centre, Bangalore under the aegis of Animal Welfare Board of India.
- New Horizon Gurukul had organized a carnival known as “**Upahaar**”, a school fest and PfA was a part of the celebration. Volunteers put up a stall and educated the participants about our city’s wildlife and its importance.
- PfA conducted a two-day workshop on birds for **World Bird Day**. The workshop covered identification of common birds in Bangalore, basics of rescue and rescue situations, case studies and birding at Lalbagh.
- The Senior Veterinarian of PfA was invited to the Toyota plant at Gujarat to speak about snake bite management and protocols. A detailed awareness program was conducted for the staff and security guards.
- PfA had set up a stall at Forum on the occasion of Valentine’s day to spread awareness about urban wildlife and their ecological importance. Visitors were given information about the basics of identification of birds, reptiles and mammals.
- A stall was set up at the IGBC Green Summit at Rangoli Metro station, MG road to reach out to the general public in sensitizing them about animals.

Inbound CSR Activities:

- CISCO , ss part of CSR efforts, sent a team of volunteers to PfA. Along with their effort contribution, they were given a talk about the importance of co-existing with urban wildlife especially snakes and about the work that PfA does.
- Euromonitor International: Nine volunteers had visited the centre as part of their field trips. They took part in cleaning of cages, painting and preparing material for enrichment.

- 15 volunteers from LinkedIn and 80 from Accenture took part in various activities at the shelter as a part of their CSR initiative.
- A team from PfA took part in the CSR Summit at NMIMS College, Bangalore.

Awareness Programs conducted at:

- Embassy Heritage
- Villa Complex in Sarjapur
- JSR Layout
- Toyota Company, Bidadi
- Oasis International School
- Govt. Lower Primary school
- GS English school
- CAD high school
- Oxford College of Business Management
- Mahadeva Kannada Medium School
- Ever Bright High School
- Residents of Neeladri Princess Apartment

20. Seasonal special arrangements for upkeep of animals

Kengeri is at an elevation of 826 m above sea level and the climate is pleasant and equable almost throughout the year. Winter temperatures rarely drop below 14 °C, and summer temperatures seldom exceed 36 °C. All needy animals are provided with heaters, heat emitters and heating pads during winter or when the temperature soars down. If the temperatures in summer rises, fans are used for animals housed indoors. Additionally, the roof of the enclosures are covered with coconut palm fronds or gunny bags soaked in water to cool down the internal temperature of the enclosures..

21. Research Work carried out and publications

A paper on the successful treatment and rehab of bonnet macaques with severe head injuries is under consideration with the editorial board of a prestigious journal for publication.

22. Rescue and Rehabilitation of wild animals.

All the animals that pass through the PfA Wildlife Hospital are rescued wildlife. Hence the number of animals rescued will remain the same as mentioned in the Annual report under the column acquisitions. The general public reports to the helplines, all the cases which require rescue or intervention. Occasionally, forest department officials also inform us about wild animals in need of help which too are rescued by the PfA Rescue Team.

A monthly report is sent to the PCCF (Wildlife), DCF (Urban), ACF (Bangalore South) and RFO of the concerned range and comprises the reports of all the animals rescued in that month along with a summary of rescues and releases of the same month. All animals

that are rehabilitated at the centre are released in a suitable habitat as close as possible to the rescue spot..

23. Annual Inventory of animals

Annual Inventory attached / enclosed separately – Annexure I

24. Mortality of animals

Death report attached / enclosed along with the Annual Inventory Report.

Please note that deaths of only Schedule I and Schedule II are mentioned in the report.

25. Compliance with conditions stipulated by the Central Zoo Authority

Sl. No.	Norm No.	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to the compliance of conditions
1	10.1(1), 10.1(4), 10.1(5) and 10.1(9)	Three cemeteries for domestic dogs being maintained inside premises of the Rescue Centre for wild animals should be separated by a boundary wall of two meters height with a separate entry / exit. While, separation, fact that the area of the Rescue Centre is 5.19 acres, should be considered.	Four months	15.03.2017	Update No 4: As the first step we had requested CZA for guidance on the wall that was depicted in the layout map attached in the last reply from us. (Reference: Letter dated 08.09.2017 bearing Ref. No.: PFA-BNG-48-2017)
2	10.1(4)	Entry of feral dogs into premises of the Rescue Centre should be stopped.	With immediate effect	15.03.2017	Was implemented immediately. Informed in the letter sent to your office on 19.04.17 bearing ref. no.: PFA-BNG-20-2017
3	10.1(8)	The Rescue Centre should not be opened for exhibit to the public.	With immediate effect	15.03.2017	In Effect (References: Letter dated 19.04.2017 bearing Ref. No. PFA-BNG-20-2017. Letter dated 08.09.2017 bearing Ref. No.: PFA-BNG-48-2017.)

		Present practice of permitting students in to the Rescue Centre for educational purpose should be discontinued as the facility is primarily an off-display Rescue Centre for wild animals and none of the enclosures for animals has stand-off barrier.	With immediate effect	15.03.2017	In effect. (References: Letter dated 19.04.2017 bearing Ref. No. PFA-BNG-20-2017. Letter dated 08.09.2017 bearing Ref. No.: PFA-BNG-48-2017.) Students are not allowed inside the rescue center beyond the Knowledge Center.
4	10.1(9)	Jungle cat housed along with the domestic cats at the Rescue Centre should be separated.	With immediate effect	15.03.2017	Since the Jungle Cat was rescued as a juvenile, an adult domestic cat was housed to teach him the basic instincts and skills for a transitory period. However, it was implemented. Informed in the letter sent to your office on 19.04.17 bearing ref. no.: PFA-BNG-20-2017.
5	10.3(1)	The Master Layout Plan and Master Plan of the Rescue Centre should be submitted for the approval of the Central Zoo Authority.	Three months	21.12.2011	We had shared the plan for a demarcating wall in our last correspondence, seeking your valuable guidance. Once we receive your kind approval, we will submit the Master Plan and Layout. (Reference: Letter dated 08.09.2017 bearing Ref. No.: PFA-BNG-48-2017)
6	10.3(7)	Provision of Isolation and Quarantine area as per prescribed norms should be made by the operator of the Rescue Centre.	Six months	09.04.2014	The necessary isolation and quarantine arrangements are in place. We have not received any animal with an infectious condition / contagious disease in the recent past. However, as quoted in the last letter, the isolation area can approximately house 3 Macaques, 2-5 birds and 3-5 snakes at a time. Cases of urban wildlife which we rescue are mostly injured, orphaned or distressed. Animals showing signs of contagious or communicable disease will be kept in isolation in the quarantine area for treatment and observation. (References: Letter dated 19.04.2017 bearing Ref. No. PFA-BNG-20-2017. Letter dated 08.09.2017 bearing Ref. No.: PFA-BNG-48-2017.)
7	10.3(7)	Rescued birds need to be screened for evidences of helminthes and samples need to be sent to veterinary diagnostic institution/ veterinary college at Hebbal.	Within one month	09.04.2014	Ongoing. Samples are being sent regularly to Veterinary College and IAH & VB. A copy of the report was sent to CZA along with the half yearly report. Ref.: Letter dated 16.12.2014 bearing Ref. No.: 2014/003/PFA
8	10.3(8)	It was observed that operator of the Rescue Centre has not obtained prior approval of the	With immediate effect	15.03.2017	The RFO and/or DFO are informed about any rescue and the consolidated list of intake is submitted on a monthly basis to the DCF with copy to the

		<p>forest department / chief wildlife warden of the state or intimated to the forest department while housing wild animals received as rescued or injured. Record in stipulated format should be maintained about rescued animals and should be timely informed to the authorities concerned. In case of rescue of an endangered animal, immediately, report should be submitted to the Central Zoo Authority as well.</p> <p>Operator of the Rescue Centre should ensure monitoring of animals released.</p>			<p>CWW. Sample requests have been submitted with our last reply for your kind perusal. Request your valuable inputs on the same.</p> <p>We are in the process of sourcing monitoring devices for the species we tend to. Request you to kindly share any contacts CZA has in this regard.</p> <p>Ref.: Letter dated 19.04.17 bearing ref. no.: PFA-BNG-20-2017 Letter dated 08.09.17 bearing Ref. No.: PFA-BNG-48-2017.</p>
9	10.4 (2) & (8)	<p>New enclosures for housing Bonnet monkeys, Black kites, Peafowls shall be designed and constructed so as to provide required facilities to meet the biological requirement of the animals and birds. Prior approval of the designs of all endangered species enclosures should have got obtained from the Central Zoo Authority.</p>	Within one year	21.12.2011	<p>Recovery enclosures are present for housing animals that are modified suitably for the respective species till they are released.</p> <p>Prior construction of any permanent enclosures, CZA will be consulted</p>
10	10.4(2)	<p>Present housing provided to the Bonnet macaques for their lifetime care does not meet the norms prescribed by the CZA. Therefore the Rescue Centre operator should submit drawing of a new enclosure following the CZA norms, to the CZA for approval. In case, Bonnet macaques are fit</p>	Two months	15.03.2017	<p>We are collaborating with a few organizations / rescue centers like Bamblela Wildlife Care & Monkey Rehab Centre, Born Free USA, Monkey Haven, Isle of Wright etc. for designing a state of art Life Time Care enclosure. Once these are ready, we will submit it to for approval and apply for a grant to your kind self.</p>

		to be released in the wild, they should be released after due screening of their health.			
11	10.4(2)	Small Indian black kite enclosure has about 10 feet height and needs to be increased as per the CZA standards or any other standard conservation agency/body.	Within five months	09.04.2014	<p>Kites are checked every day, the recovered ones are captured and released. Kites are not kept in our enclosure on a permanent basis. As Per CZA guidelines the aviary standard height required is 18 feet. If the height of Assessment/Recovery Enclosure for Kites is increased to 18feet is, it will make it near impossible for us to catch birds which are ready for release without harming / stressing them. This was mentioned in the previous communications. Requesting your inputs on the same.</p> <p>Ref.: Letter dated 16.12.14 bearing reference number 2014/003/PFA and Letter dated 17.05.16 bearing reference no. PFA-BNG-24-2016.</p>
12	10.4(6)	Enrichment measures like placement of ladder with Neem tree branches (tender ones), swings of different sizes with natural tree branches may be carried out in the rescued parakeet enclosures.	Within one month	09.04.2014	<p>Ongoing process. Enrichment measures are carried regularly. (Ref.: Letter dated 16.12.14 bearing reference number 2014/003/PFA and Letter dated 17.05.16 bearing reference no. PFA-BNG-24-2016.)</p>
13	10.5(5)	Glutaraldehyde shall be chosen as a disinfectant of the premises/ cages etc.	Within one month	09.04.2014	<p>Implemented. (Ref.: Letter dated 16.12.14 bearing reference number 2014/003/PFA and Letter dated 17.05.16 bearing reference no. PFA-BNG-24-2016.)</p>
14	10.5(10)	<p>It was observed that the record on usage of anaesthetic drugs on wild animals by the veterinary officers has not been maintained properly..</p> <p>Operator of the Rescue Centre should ensure maintenance of detailed records of observations of biological and social behaviour and health status of the animals including feed intake, medication and</p>	With immediate effect	15.03.2017	<p>Implemented. (Reference: Letter dated 19.04.2017 bearing Ref. No. PFA-BNG-20-2017.)</p> <p>Implemented apart from animal history cards for each animal. (Reference: Letter dated 19.04.2017 bearing Ref. No. PFA-BNG-20-2017.)</p> <p>Maintenance of Animal History cards once shifted to enclosures not practically feasible when the number is more. We are in the process of implementing Animal History cards wherever possible by January 15th 2018.</p>

		treatment provided in the keeper's diary, daily reports, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority.			
15	10.6(2)	Attempts need to be made to obtain the necessary funds for acquiring of at least 2 more two wheeler vehicles and one van with fit infrastructures for rescue operations.	Within ten months	09.04.2014	A request was made to CZA regarding funds for a Four wheeler, 2 two wheelers and a LCD projector. There was no response received. However we have purchased 2 two wheelers and a four wheeler. (Ref.: Letter dated 30.01.15 bearing reference no. 2015/001/PFA)
16	10.6(5)	Veterinary support staff may be placed.	Within six months	09.04.2014	There are three full time veterinarians. The rehabilitator assists the veterinarians in treatments when need be and has the knowledge of basic first aid.
17	10.6 (6b)	The persons engaged for upkeep, maintenance of rescue centre and handling its inmates shall be imparted training organized in reputed zoos.	Within six months	21.12.2011	Staff are given regular update sessions by visiting vets, naturalists, and expert rehabilitators. However, there is an acute dearth of programs for on-going education in wildlife rescue and rehab in India.
18	10.7(1)	Post-mortem room Name board needs to be written on permanent board and shadow lamp and tap with water flow are absent. These defects need to be rectified to ensure quality of post-mortem.	Within three months	09.04.2014	Implemented. (Ref.: Letter dated 16.12.14 bearing reference number 2014/003/PFA and Letter dated 17.05.16 bearing reference no. PFA-BNG-24-2016.)
19	10.7(2)	It is found that none of the post-mortem reports was signed by operator of the Rescue Centre. Findings of the post-mortem examination should be recorded in format prescribed by the Central Zoo Authority and should be signed by all the authorities concerned.	With immediate effect	15.03.2017	Implemented. Ref.: Letter dated 19.04.17 bearing ref. no.: PFA-BNG-20-2017 Letter dated 08.09.17 bearing Ref. No.: PFA-BNG-48-2017.
20	10.9(1)	Number of live non-human primates shall not exceed 10 unless emergency condition occurs.	Within two months	09.04.2014	In Effect.
21	10.11(1)	Knowledge centre: Needs to be updated with latest information	Within six month	09.04.2014	The process of updating the posters has been started. AN LCD projector and a PAS have been procured.

		and needs to be equipped with LCD projector, screen and other basic gadgets.			
22	10.11(2)	Operator of the Rescue Centre should ensure that wild animals housed be handled by properly authorized personnel only. The awareness programme conducted for school children with handling of animals is not permitted. Action be taken as per S.No.3 above.	With immediate effect	15.03.2017	Implemented. School children are never allowed to handle the animals or near the enclosures. Wild animals are always handled by authorised and professional personnel. Ref.: Letter dated 19.04.17 bearing ref. no.: PFA-BNG-20-2017 Letter dated 08.09.17 bearing Ref. No.: PFA-BNG-48-2017.
23	10.12 (2)	First-aid equipments including anti-venom should be kept readily available in the premises of the rescue and rehabilitation centre.	Within six months	21.12.2011	ASV is kept at our centre in case of an emergency. However the closest hospital with ASV is next door (BGS Hospital).