

Records For #4

House Name: Emily

Report Start Date
1/1/2005

Specimen Report for NEW BEDFO / 4

Report End Date
4/30/2008



Taxonomic name: *Elephas maximus*

Family: Elephantidae

Common name: Asiatic elephant

Order: Proboscidea

Current information

Sex: Female
Birth type: Wild Born
Birth Location: Unknown Location
Birthdate-Age: ~ 1964 - ~43Y
Time since last Acq: 22Y,9M,26D as of report end date

Sire ID:
Dam ID:
Rearing: Unknown
Hybrid: Not a hybrid

Date in	Acquisition - Vendor/local Id	Holder	Disposition - Recipient/local Id	Date out
1 Oct 1968	Purchase from SOUTHWICK / NONE	NEW BEDFO / 4	Loan Out to BATONROUG / M1349	12 Nov 1983
4 Jul 1985	Loan Returned to Us BATONROUG / M1349	NEW BEDFO / 4		

Date	Type	Value	Units	Comments
5 Jul 2005	live animal weight	8400	pound	
25 Sep 2005	live animal weight	8100	pound	
10 Aug 2006	live animal weight	8400	pound	
9 Jan 2007	live animal weight	8000	pound	
3 Jul 2007	live animal weight	8900	pound	
23 Feb 2008	live animal weight	9200	pound	

Date	Note type	Comments
2 Jan 2005	Foot management	Routine footwork on back right nails and pads
9 Jan 2005	Foot management	Routine footwork on left front pad, nails and cuticles
10 Jan 2005	Foot management	routine footwork on right front pad, nails and cuticles
14 Jan 2005	Foot management	Routine footwork on left back pads, nails and cuticles
17 Jan 2005	Medical procedure	Annual PE and blood drawn for CBC and profile. Trunk wash #1 for TB test taken
18 Jan 2005	Medical procedure	Trunk wash #2 for TB test taken
19 Jan 2005	Medical procedure	Trunk wash #3 for TB test taken Rabies vaccination given.
29 Jan 2005	Foot management	routine footwork on right rear pad nails and cuticles
4 Feb 2005	Medical procedure	Received yearly vaccination for WEE,EEE and Tetanus
13 Feb 2005	Foot management	Routine footwork on left back pad and nails
14 Feb 2005	Foot management	Routine footwork on rear pads and nails
16 Feb 2005	Foot management	Routine footwork on left rear pad, nails and cuticles
25 Feb 2005	Aggression	Emily rammed exhibit mate Ruth in the early AM. Keepers noticed temporal gland is swollen and has slight d/c
26 Feb 2005	Foot management	Routine footwork completed on left and right front pads, nails and cuticles
6 Mar 2005	Foot management	Routine footwork on right and left pad, nails and cuticles.
2 Apr 2005	Foot management	Routine footwork on right and left front nails, cuticles and pads
24 Apr 2005	Foot management	Routine footwork on back pads and cuticles and front nails and pads
7 May 2005	Foot management	Routine footwork on right and left back pad and nails
6 Jun 2005	Foot management	Routine footwork on front nails pads and cuticles
10 Jun 2005	Breeding management note	Signs of estrous- tail swatting and draining from temporal gland.
10 Jun 2005	Foot management	Routine footwork on left front pad and cuticles
17 Jun 2005	Foot management	Routine footwork on back right pad.
20 Jun 2005	Foot management	Routine footwork performed on left back pad, nails and cuticles
24 Jun 2005	Foot management	Routine footwork
11 Jul 2005	Foot management	Footwork on right front pad, nails and cuticles.
22 Jul 2005	Foot management	Routine footwork on left rear pads, cuticles and nails
29 Jul 2005	Foot management	Routine footwork on right rear pads, nails and cuticles
5 Aug 2005	Foot management	Routine footwork on front left foot

Printed: 10/26/2010

Buttonwood Park Zoo

Page 1

Report Start Date
1/1/2005

Specimen Report for NEW BEDFO / 4

Report End Date
4/30/2008



8 Aug 2005	Foot management	Routine footwork on right front nails, pads and cuticles
19 Aug 2005	Foot management	Routine footwork on left front nails, pads and cuticles
6 Oct 2005	Foot management	Routine footwork front left nails
22 Oct 2005	Foot management	footwork on right rear nails
5 Nov 2005	Foot management	routine footwork right front nails, cuticles and pads
26 Nov 2005	Foot management	routine footwork on left front pad, nails and cuticles
27 Nov 2005	Foot management	Routine footwork on right rear feet
29 Dec 2005	Foot management	Routine foot work on right and left rear pads
31 Dec 2005	Foot management	Routine footwork on right and left front pads
6 Jan 2006	Foot management	Routine footwork on right front nails and cuticles (TMD/SA)
6 Jan 2006	Aggression	Emily rammed "Ruth" twice while keepers were present. Disciplined by both lead and head keeper.
14 Jan 2006	Foot management	Routine footwork on right and left front nails, pads and cuticles (TMD/SA)
16 Jan 2006	Medical procedure	TB Trunk wash #1
17 Jan 2006	Medical procedure	TB Trunk wash #2 and Blood drawn for CBC, profile, WNV and Vit E levels. PE given- WNL
18 Jan 2006	Medical procedure	TB Trunk wash #3 and vaccinated for Rabies, WEE/EEE and Tetanus
10 Feb 2006	Medical observation	West Nile Virus titers came back negative
24 Feb 2006	Foot management	Routine footwork on right rear pad (TMD/SA)
3 Mar 2006	Foot management	Routine footwork on left front nails. (TMD/SA)
7 Apr 2006	Foot management	Routine footwork on left front pad. (TMD/SA)
16 Apr 2006	Foot management	Routine footwork on right front pad (KV/JB)
21 Apr 2006	Medical procedure	Digital radiographs of all four feet were taken VD and lat
28 Apr 2006	Foot management	Routine footwork on left front nails and pad (TMD/JB/WLS)
1 May 2006	Diet	Glycoflex added to daily diet as a joint supplement
3 Jun 2006	Foot management	Routine footwork on right and left rear pads (TMD/SA)
14 Jun 2006	Aggression	"Emily" bit off 6 1/2" piece of #5 "Ruth's" tail in the am. Both elephants behaving normally during morning routine and no aggression or warning signs prior to incident were observed by staff.
30 Jun 2006	Foot management	Routine footwork on front left and right nails, cuticles and pads.(TMD/SA)
1 Jul 2006	Aggression	"Emily" rammed #5 "Ruth" in the am.
7 Jul 2006	Foot management	Routine footwork on left front nails (TMD/SA)
18 Jul 2006	Aggression	Keepers observed elephant "shoving" #5 "Ruth"
5 Aug 2006	Foot management	Routine footwork on right front nail #5 (TMD/SA)
19 Aug 2006	Foot management	Routine footwork on right front nails. (TMD/JB)
22 Aug 2006	Foot management	Routine footwork on left rear pad. (JB/SA)
31 Aug 2006	Diet	Glycoflex added to diet- 4 scoops BID
23 Sep 2006	Foot management	Routine footwork on right rear pad- cut back (SA/TMD)
25 Sep 2006	Foot management	Routine footwork on left front pad, cuticles and nail. (JB/SA)
30 Sep 2006	Foot management	Routine footwork on right foot , pad, nails and cuticles. (TMD/SA)
8 Oct 2006	Foot management	Routine footwork on right front foot, pad, nails and cuticles.(SA/ KV/JB)
13 Oct 2006	Foot management	Routine footwork on left front pad and nails. (TMD/SA)
22 Oct 2006	Medical observation	Elephant cracked and broke left tusk playing with enrichment toys. Break was below gum line- minimal bleeding, pupil was not exposed. Vet prescribed flushing sulcrum BID to keep it clean.
25 Oct 2006	Medical note	Broke left tusk several days ago. Some inflammation around mucocutaneous junction but very mild. Pulp does not appear to be exposed.

Plan: Continue dilute Nolvasan solution flushes BID.

Report Start Date
1/1/2006

Specimen Report for NEW BEDFO / 4

Report End Date
4/30/2008



25 Nov 2006	Foot management	Routine footwork on right front nails and cuticles (SA/TMD)
27 Nov 2006	Foot management	Routine footwork on right rear pad and nails. (JB/KV)
5 Dec 2006	Medical observation	Some d/c from right temporal gland.
13 Dec 2006	Foot management	Routine footwork on left rear, cut back cuticles. (JB/KV)
15 Dec 2006	Foot management	Routine footwork- right front nails, pad, cuticles (TMD/SA)
17 Dec 2006	Foot management	Routine footwork on left front nails, pads and cuticles. (JB/SA)
21 Dec 2006	Fecal check/worming	Routine footwork- left rear pad, nails and cuticles.
22 Dec 2006	Foot management	Routine footwork on right rear nails, cuticles and pads. (TMD/SA)
29 Dec 2006	Foot management	Routine footwork on left front nails and cuticles (TMD/SA)
1 Jan 2007	Aggression	Emily agressing toward Ruth- grabbing at tail, pulling and pushing her. All documented via tape. Upon reviewing tape- Emily showing pattern of frustration with hanging toy.
10 Jan 2007	Aggression	Tape shows Emily grabbing at Ruths tail and ramming her. Pattern of pacing and hay throwing (boredom) just prior to aggression.
16 Jan 2007	Medical procedure	Trunk Wash #1 for TB testing Elephant vaccinated for EEE/WEE Tetanus and Rabies
17 Jan 2007	Medical procedure	Trunk wash #2 of 3 for TB test Annual PE and blood drawn for CBC and profile.
18 Jan 2007	Medical procedure	TB Trunk Wash #3
27 Jan 2007	Aggression	Hanging toy taken down. 2 incidents of aggression toward Ruth when Emily couldn't get the barrel down. Observed on tape. Emily seemed agitated and frustrated by toy.
28 Jan 2007	Aggression	Emily grabbing at Ruth's tail and shoving her back end. Elephants separated to give Ruth a break.
30 Jan 2007	Aggression	Emily swung head and trunk at Ruth during morning feed. Stopped when trainer told her NO
1 Feb 2007	Foot management	Routine footwork on right front pad- vinegar soak (JB/TMD)
7 Feb 2007	Medical procedure	PE: EENT: NSF M/S/L: Pressure sore on left side of face and hip.
Bloodwork: Persistent elevated amylase. All else NSF.		
TB serology negative. Trunk wash pending.		
Plan:		
8 Feb 2007	Medical observation	1.) Vaccinated with 2ml rabies right rear gluteal. 2ml tetanus/E and W encephalitis Right front triceps area. Keepers report elephant tails swatting and rubbing urogenital area with tail- urogenital tract- red and irritated, slight d/c with strong yeast like odor
9 Feb 2007	Medical treatment	Elephant started on 7 day treatment with miconazole
16 Feb 2007	Foot management	Routine footwork on right and left front nails (TMD/SA)
18 Feb 2007	Foot management	Routine footwork on left rear pads and nails (TMD/SA)
26 Feb 2007	Medical observation	Left temporal gland swollen
27 Feb 2007	Foot management	Routine footwork on left front pad and cuticles- nails filed (JB/TMD/KV)
2 Mar 2007	Foot management	Routine footwork on front left and right nails, pads and cuticles (TMD/SA)
29 Mar 2007	Foot management	Routine footwork on right pad, nail and cuticle- 4th nail- small divot cleaned and filed (JB/TMD)
28 May 2007	Foot management	Routine footwork on left rear pad and nail (KV/JB)
29 May 2007	Foot management	Routine footwork on front left pad, nail and right front nails (KV/JB)
1 Jun 2007	Fecal check/worming	Fecal check- NPS
24 Jun 2007	Foot management	Routine footwork on right front pad, nail and cuticle (JB/SA)
30 Jun 2007	Foot management	Routine footwork on left and right front pad nail and cuticle (JB/SA)
5 Jul 2007	Foot management	Routine footwork on L/R rear pads, nails and cuticles (JB/SA)
6 Jul 2007	Foot management	Routine footwork on left and right front nails, pads and cuticles (TMD/SA)
22 Jul 2007	Foot management	Routine footwork on front left pad and nails. (KV/JB)
24 Jul 2007	Foot management	Routine footwork on right front pad and nail. (JB/KV)
14 Aug 2007	Medical observation	Keepers report during routine footwork- they opened a minor prolapse in right front pad- tissue spongy.
21 Aug 2007	Foot management	Routine footwork on back right pad, nail and cuticle. (JB/KV)

Report Start Date
1/1/2005

Specimen Report for NEW BEDFO / 4

Report End Date
4/30/2008



9 Sep 2007	Foot management	Routine footwork on front left pad, nails and cuticles (KV/JB)
19 Sep 2007	Foot management	Routine footwork on front left and right, pad nails and cuticles (SA/TMD)
24 Sep 2007	Medical observation	Keepers report elephant has some minor inflammation/irritation around right tusk in sulcus.
27 Sep 2007	Medical treatment	Skin around right tusk is inflamed and raw. Elephant packing sulcus with sand and debris. Sulcu to be flushed BID
9 Oct 2007	Foot management	Routine footwork on left front nail, pad and cuticle (KV/JB)
14 Oct 2007	Foot management	Routine footwork on right front pad, nails and cuticles (TMD/SA)
1 Nov 2007	Medical note	Left rear foot does not appear sensitive today. Tina cleaned and trimmed edges.
R/O: Urine Scald and moist floors. This has occurred in the past.		
Plan: Watch for progression and/or signs of secondary infection. Recheck next week		
3 Nov 2007	Foot management	Routine footwork on left and right front nails, pads and cuticles and left and right rear nails pads and cuticles. (TMD/SA)
25 Nov 2007	Foot management	Routine footwork on right rear pad, nail and cuticle. (JB/KV)
21 Dec 2007	Foot management	Right front foot- cuticle overgrowth trimmed by WLS (JB/TMD)
28 Dec 2007	Medical observation	Skin lesions look better than on previous exam.
Plan: DC SSD. Continue oil treatments. Monitor		
20 Jan 2008	Foot management	routine footwork on left and right rear pad, nail and cuticle and right front nail (TMD/SA)
25 Jan 2008	Foot management	Footwork on front left nails, pad and cuticles (TMD/SA)
27 Jan 2008	Foot management	R/L front nails polished (JB/KV)
31 Jan 2008	Medical procedure	3rd trunk wash completed today for T.B. testing. Blood also taken for CBC/Chem and TB serology
Plan: PE's and vaccines next week.		
10 Apr 2008	Medical procedure	Recheck
Trunk Wash results: Mycobacterium Tuberculosis: Negative One acid fast organism was isolated which was not of the M. TB complex.		
Persistent pressure sore on left hip. Keepers started SSD as advised last week.		
PE: Healthy granulation bed present in center of wound and skin edges look fresh and active.		
Plan:		
1.) Same topical foot treatment as Ruth if any nailbed issues occur.		
2.) Continue routine cleaning with water and SSD BID on hip.		
3.) Consider freshening edges of wound if progress of healing ceases with SSD trial		
17 Apr 2008	Medical procedure	Persistent pressure sore on left hip. Keepers started SSD as advised last week.
PE: Defect appears slightly more shallow than previous. Upper right dermal edge is slightly separated from sore.		
Plan:		
1.) Same topical foot treatment as Ruth if any nailbed issues occur.		
2.) Continue routine cleaning with water and SSD BID on hip.		
3.) Consider freshening edges of wound if progress of healing ceases with SSD trial		
24 Apr 2008	Medical procedure	Recheck- Persistent pressure sore on left hip. Keepers started SSD as advised two weeks ago.
PE: Sore static.		



		PE: Sore static.
		Plan: 1.) Same topical foot treatment as Ruth if any nailbed issues occur. 2.) Continue routine cleaning with water and SSD BID on hip. 3.) Consider freshening edges of wound if progress of healing ceases with SSD trial
1 May 2008	Medical procedure	Persistent pressure sore on left hip. Keepers started SSD as advised two weeks ago.
		PE: Sore static.
		Plan: 1.) Same topical foot treatment as Ruth if any nailbed issues occur. 2.) Freshen edges of wound next week.
15 May 2008	Medical procedure	Recheck- Persistent pressure sore on left hip.
		PE: Sore slightly smaller.
		Plan: 1.) Same topical foot treatment as Ruth if any nailbed issues occur. 2.) Continue cleaning and applying topical SSD to hipsore. 3.) Defect may require repeated debridement of inactive tissue
19 May 2008	Medical procedure	Persistent pressure sore on left hip.
		PE: Skin edges pink. Small amount of granulation tissue present in center of sore.
		Plan: 1.) Same topical foot treatment as Ruth if any nailbed issues occur. 2.) Continue cleaning and applying topical SSD to hipsore. 3.) Defect may require repeated debridement of inactive tissue
2 Jan 2009	Medical observation	Elephant has superficial full thickness laceration 2-3 inches long on left hip
5 Jan 2009	Medical observation	2 large cracks in skin present near hip sore. Right temporal gland slightly swollen w/ oily d/c
10 Jan 2009	Fecal check/worming	Routine fecal-NPS
19 Jan 2009	Medical procedure	TB Trunk wash #1
20 Jan 2009	Medical procedure	TB Trunk wash #2
21 Jan 2009	Medical procedure	TB Trunk wash #3
		Annual PE, blood drawn and vaccinations given (EEE/WEE/Tet and Rabies)
27 Jan 2009	Foot management	Routine footwork- front right and left pad, nails and cuticles
28 Jan 2009	Foot management	Routine footwork on right rear pad, nails and some cuticle
1 Mar 2009	Foot management	Routine footwork performed on left front pad, nails and cuticles
21 May 2009	Medical procedure	5/18/09: Blood drawn and frozen for anti-Mullerian study.
5 Jul 2009	Medical note	Photos taken. Wound appears static
6 Jul 2009	Medical note	Wound appears static. Advised to stop powerwashing wound. Keepers to clean gently with hose before application of ZoonOx
13 Jul 2009	Medical note	7/13/09: Photos Taken. Right upper corner of wound is contracting.
		Plan: 1.) DC powerwashing of wound. Clean gently with hose prior to ZoonOx application. 2.) Continue ZoonOx 2 more weeks if there is enough remaining product.
13 Jul 2009	Medical note	Photos Taken. Right upper corner of wound is contracting.
21 Jul 2009	Medical note	Last dose of ZoonOx. Wound static. New wound opening up below the first one and is approximately 1 cm X 1 cm.
22 Jul 2009	Medical note	Photos taken.

Report Start Date
1/1/2005

Specimen Report for NEW BEDFO / 4

Report End Date
10/26/2010



9 Sep 2009	Foot management	Plan: Start SSD BID.
30 Sep 2009	Foot management	Rear pad trimmed, nails filed Left front foot, cut and reshaped nails, trimmed pad and cuticles (KV,SA,JB) 4th digit- some bruising cleaned out by WLS
1 Oct 2009	Foot management	Left front nails trimmed and shaped. Pads and cuticles trimmed (JB,KVS,SD)
15 Oct 2009	Foot management	Routine footwork on front right pad, nail and cuticle-all trimmed (JB, KVS)
22 Oct 2009	Medical observation	Keeper reporting that front left wrist is slightly swollen.
22 Oct 2009	Medical observation	10/22/09 Slightly swollen and stiff left carpal joint.
31 Oct 2009	Foot management	Routine footwork on right and left rear feet- trimming of nails, pads and cuticles (TMD, SA)
2 Nov 2009	Aggression	Emily grabbed Ruth's tail and pushed on her hind end- discontinued when keeper told her NO (Dumpster truck was being returned when this happened-Keepers were instructed to monitor elephants when truck is present)
25 Nov 2009	Note	Both elephants had access to stalls and exhibits last night. Stall and door were left unlocked by WLS
4 Dec 2009	Medical note	Blood drawn for EEHV study.
11 Dec 2009	Medical note	Blood drawn for EEHV study
23 Dec 2009	Medical note	Keeper reported Left hip- some cracking near thickened area- mineral oil gel applied to moisturize
26 Dec 2009	Medical note	Blood drawn for EEHV study Keeper reported seeing Emily swatting at vulva throughout day.
30 Dec 2009	Foot management	routine footwork- filed right front nails.
2 Jan 2010	Medical note	Blood drawn fro EEHV study
6 Jan 2010	Foot management	Routine footwork on right rear nails, pad and some cuticles (JB,SD)
9 Jan 2010	Medical note	Blood drawn for EEHV study
9 Jan 2010	Fecal check/worming	Fecal check-NPS
9 Jan 2010	Medical note	Keepers reported Emily ingested small piece of rubber matting and some shavings. Plan: Monitor over next 48-72 hours for signs of GI discomfort.
14 Jan 2010	Medical note	1/14/10: Elephants do not find the Ramard TJS palatable
16 Jan 2010	Medical note	Drew blood for EEHV study
19 Jan 2010	Medical note	TB Trunk wash #1 completed
20 Jan 2010	Medical procedure	Annual PE and blood drawn Vaccinated for WEE/EEE/Tet and Rabies TB Trunk wash #2 completed
21 Jan 2010	Medical procedure	TB Trunk wash #3 completed
23 Jan 2010	Medical note	Blood drawn for EEHV study
23 Jan 2010	Foot management	Routine footwork on front left pad, nails and cuticles (TMD,SAM)
30 Jan 2010	Foot management	Routine footwork on rear left pad nail and cuticles (TMD< SAM)
30 Jan 2010	Medical note	Blood drawn for EEHV study
3 Feb 2010	Foot management	Routine footwork on front left- trimmed and reshaped nails (JB, SD)
3 Feb 2010	Fecal check/worming	Loose stool in stall in am Fecal submitted-NPS
6 Feb 2010	Medical note	Blood drawn for EEHV study
11 Feb 2010	Fecal check/worming	Keepers report elephant passing some soft smelly stools. Fecal check-NPS
12 Feb 2010	Medical note	Blood drawn for research study
17 Feb 2010	Medical note	Glycoflex: Lameness score without glycoflex x 1 week, then lameness score with glycoflex (3 level scoops BID) x 5 weeks.
20 Feb 2010	Medical note	Blood drawn for research study
25 Feb 2010	Foot management	Routine footwork- front right nails and pads cut and reshaped. (JB, KVS)
27 Feb 2010	Medical note	Blood drawn for research study
1 Mar 2010	Note	Keepers reporting Emily has some oily secretion from right temporal gland
6 Mar 2010	Medical note	Drew blood for research study
13 Mar 2010	Medical note	Drew blood for research study
13 Mar 2010	Foot management	Routine footwork on left front pad, nails and cuticles (
20 Mar 2010	Medical note	Drew blood for research study

Printed: 10/26/2010

Buttonwood Park Zoo

Page 6

Report Start Date
1/1/2005

Specimen Report for NEW BEDFO / 4

Report End Date
10/26/2010



23 Mar 2010	Medical note	3/23/10: abscess opened up and cleaned during footwork on lateral aspect of left hind foot posterior to digit IV. No foreign material noted. Area above is swollen and sensitive to touch.
		Plan: Warm soaks X 2-3 days, then monitor healing.
		3/23/10: TB trunk washes from 1/19, 1/20, 1/21: negative
23 Mar 2010	Foot management	Footwork- Left rear pad, nails and cuticles Pus pocket present the size of a half dollar under the feathering of cuticle- area debrided, nail not compromised. Area cleaned w/ betadine and foot soaked in chlorhexaderm.
26 Mar 2010	Foot management	Left rear cuticle- tissue debrided
27 Mar 2010	Medical note	Drew blood for research study
28 Mar 2010	Foot management	Foot soaked in cider vinegar
1 Apr 2010	Medical note	D/c foot soaks per WLS
3 Apr 2010	Medical note	Blood drawn for EEHV study
9 Apr 2010	Foot management	Routine footwork on right rear pad, nail and cuticles
10 Apr 2010	Medical note	Blood drawn for EEHV study
17 Apr 2010	Medical note	Blood drawn for EEHV study
24 Apr 2010	Medical note	Blood drawn for EEHV study
30 Apr 2010	Fecal check/worming	Routine fecal check-NPS
1 May 2010	Medical note	Blood drawn for EEHV study
8 May 2010	Medical note	Blood drawn for EEHV study
15 May 2010	Medical note	Blood drawn for EEHV study
22 May 2010	Medical note	Blood drawn for EEHV study
29 May 2010	Medical note	Blood drawn for EEHV study
5 Jun 2010	Medical note	Blood collected for EEHV study
19 Aug 2010	Foot management	Routine footwork on right rear nail, pad and cuticle and left rear cuticle. Also front nail pad and cuticle (JB?SD)
20 Aug 2010	Medical note	Collected blood for EEHV study
23 Aug 2010	Foot management	Routine footwork on left rear pad, nail and cuticle (JB/KVS)
27 Aug 2010	Medical note	Collected blood for EEHV study
4 Sep 2010	Medical note	Collected blood for EEHV study
11 Sep 2010	Medical note	Collected blood for EEHV study
12 Sep 2010	Foot management	Routine footwork on nails- left front and small amount of pad (JB)
25 Sep 2010	Medical note	Collected blood for EEHV study
2 Oct 2010	Medical note	Collected blood for EEHV study
5 Oct 2010	Foot management	Routine footwork on right rear pad/nails and cuticles (JB/KVS)
9 Oct 2010	Medical note	Collected blood for EEHV study

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

```
=====
ELEPHAS MAXIMUS (no subsp)      Sex: Female      Acc. #: 4
Asiatic elephant                Age: 46Y Est.   Birth: 2.Oct.1964
Name: EMILY
=====
```

.....2010....

- (MS) (TMD)
- 21.Jan 1/16/10: fecal NPS.
1/19/10: TB trunk wash performed. Bloodwork from 1/17/10:
Unremarkable for this individual. Amylase remains elevated at
12,501 U/L. Wt on 1/11/10: 8900lbs.
1/20/10: PE: NSF. Vaccinated with 2ml EEE/WEE/Tetanus and 2ml
rabies IM left rear. TB trunk wash performed.
1/21/10: TB trunk wash performed and shipped to USDA/NVSL.
(MS) (TMD)
- 3.Feb Parasitology examination: (DIAGNOSTIC EXAMINATION) Fecal sample.
NO PARASITES SEEN
- 4.Feb 2/3/10: Loose stool in holding. Received chocolate syrup as
enrichment yesterday which may have cause GI upset.
Fecal float NPS.
(MS) (TMD)
- 20.Feb 2/17/10: Glycoflex: Lameness score without glycoflex x 1 week,
then lameness score with glycoflex (3 level scoops BID) x 5
weeks.(MS) (TMD)
- 25.Mar 3/23/10: abscess opened up and cleaned during footwork on lateral
aspect of left hind foot posterior to digit IV. No foreign material
noted. Area above is swollen and sensitive to touch.
Plan: Warm soaks X 2-3 days, then monitor healing.
(MS) (TMD)
- 2.Apr 3/23/10: abscess opened up and cleaned during footwork on lateral
aspect of left hind foot posterior to digit IV. No foreign material
noted. Area above is swollen and sensitive to touch.
Plan: Warm soaks X 2-3 days, then monitor healing.
3/23/10: TB trunk washes from 1/19, 1/20, 1/21: negative
(MS) (TMD)
- 15.Jul Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

```
=====
ELEPHAS MAXIMUS (no subsp)      Sex: Female      Acc. #: 4
Asiatic elephant              Age: 46Y Est.    Birth: 2.Oct.1964
Name: EMILY
=====
```

.....2009....

- 16.Jul 1.) DC powerwashing of wound. Clean gently with hose prior to zoonOx application.
- 2.) Continue ZoonOx 2 more weeks if there is enough remaining product.
- (MS) (TMD)
- 25.Jul 7/13/09: Photos Taken. Right upper corner of wound is contracting.
- 7/21/09: Last dose of ZoonOx. Wound static. New wound opening up below the first one and is approximately 1cm X 1cm.
- 7/22/09: Photos taken.
- Plan: Start SSD BID.
- (MS) (TMD)
- 21.Aug 8/19/09: Both animals have been off glycoflex because we ran out of product and could not re-order with budget hold.
- Keeper reports left front stiffness in AM and sometimes throughout day in both animals.
- Plan: Trial of Ramard Equine Total Joint supplement.
- (MS) (TMD)
- 29.Oct 10/22/09 Slightly swollen and stiff left carpal joint.
- Plan: Monitor.
- (MS) (TMD)
- 13.Nov 11/8/09: Start lameness scoring for 1 week. Then 5 week trial of Trial of Ramard Equine Total Joint supplement (3 level scoops once a day) recording lameness scores throughout. (MS) (TMD)
- 26.Dec 12/22/09 Date rescheduled: Start lameness scoring for 1 week on 12/27/09. Then 5 week trial of Trial of Ramard Equine Total Joint supplement (3 level scoops once a day) recording lameness scores throughout. (MS) (TMD)
- 31.Dec 12/27/09: Lameness scoring for 1 week. Then 5 week trial of Trial of Ramard Equine Total Joint supplement (3 level scoops once a day) recording lameness scores throughout. (MS) (TMD)

.....2010....

- 12.Jan 12/27/09: Lameness scoring for 1 week. Then 5 week trial of Trial of Ramard Equine Total Joint supplement (3 level scoops once a day) recording lameness scores throughout.
- 1/6/10: Elephants do not find Ramard TJS palatable. Will try throughout week and DC on 1/9/10 if difficulty feeding it.
- (MS) (TMD)
- 0.Jan 1/14/10: Elephants do not find the Ramard TJS palatable.

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

- page 9 -

=====

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: EMILY

Sex: Female
Age: 46Y Est.

Acc. #: 4
Birth: 2.Oct.1964

=====

.....2009....

3.Apr reported to be improving with normal SSD treatments.
(MS) (TMD)

15.May Plan:

- 1.) Blood draw for anti-Mullerian study.
 - 2.) DC SSD cream on hip and face pressure sores.
 - 3.) Start zoonox trial if/when sores become active again.
- (MS) (TMD)

22.May 5/18/09: Blood drawn and frozen for anti-Mullerian study. Filmed by Ed Camara.

5/20/09: Serum sent out to Conservation and Research Center.
Plan:

- 1.) DC SSD cream on hip and face pressure sores.
 - 2.) Start zoonox trial if/when sores become active again.
- (MS) (TMD)

26.Jun 6/21/09: Left hip sore open approximately 2cm by 2cm

6/22/09: Photos taken. Zoonox applied

Plan:

- 1.) RX ZoonOx BID X 14 days
- (MS) (TMD)

1.Jul 6/21/09: Left hip sore open approximately 2cm by 2cm

6/22/09: Photos taken. Zoonox applied

6/28/09: Photos taken. Wound appears to be actively healing. It is still difficult to assess whether healing process will overcome mechanical process of injury.

Plan:

- 1.) RX ZoonOx BID X 14 days, then reassess.
- (MS) (TMD)

10.Jul 7/5/09: Photos taken. Wound appears static

7/6/09: Wound appears static. Advised to stop powerwashing wound. Keepers to clean gently with hose before application of zoonOx.

Plan:

- 1.) DC powerwashing of wound. Clean gently with hose prior to zoonOx application.
- 2.) Continue ZoonOx 2 more weeks if there is enough remaining product.

(MS) (TMD)

16.Jul 7/5/09: Photos taken. Wound appears static

7/6/09: Wound appears static. Advised to stop powerwashing wound. Keepers to clean gently with hose before application of zoonOx.

7/13/09: Photos Taken. Right upper corner of wound is contracting.
Plan:

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BURTONWOOD PARK ZOO

- page 8 -

```
=====
ELEPHAS MAXIMUS (no subsp)      Sex: Female      Acc. #: 4
Asiatic elephant                Age: 46Y Est.   Birth: 2.Oct.1964
Name: EMILY
=====
```

.....2008....

30.Oct and cleaned with chlorahex solution
Plan: Monitor (MSS)

14.Nov Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN

31.Dec Shaking intermittently.
Due for PE. Bloodwork to be done at that time to r/o metabolic or
infectious. (MS) (TMD)

.....2009....

1.Jan PE scheduled for end of January. Bloodwork to be done at that time
to r/o metabolic or infectious. Vaccines may be delayed until
bloodwork results are in. (MS) (TMD)

10.Jan Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN

22.Jan 1/16/09: Bloodwork NSF.
1/19/09, 1/20/09: Trunk washes performed using 60cc sterile saline.
1/21/09: PE: EENT: NSF, M/S/I: left hip sore almost completely
healed. Rear feet have typical fissures running medial to lateral.
Soles are softer than front which is also typical for Emily. No
soft spots or evidence of abscessation. All nailbeds look good.
Vaccinated with 2ml Imrab3 (s/n 12525C) left rear and 2m
EEE/WEE/Tetanus (S/N 1685108A)
Submitted amylase to Antech.
Plan: Run seasonal amylase to determine if any seasonal variation
with feeds. (MS) (TMD)

29.Jan Amylase 11,453 U/L
Lipase 7 U/L
Plan: Run seasonal amylase to determine if any seasonal variation
with feeds. (MS) (TMD)

11.Feb Small cust or abscess ruptured on outside of right ear. No apparent
fluid present at site. Small 2mm scab over site appears healthy.
Plan: Monitor (MS) (TMD)

19.Mar Received trial of ZoonOx Hyperbaric ointment to use on pressure
sores.
Plan: Start treatment at first sign of re-emergence of pressure
sores. Discuss protocol at Elephant meeting on 3/23/09. (MS) (TMD)

3.Apr 4/2/09: left hip sore is cracked at dorsal aspect. One small open
area in right dorso-lateral aspect approx 0.5cm X 0.5cm. This is

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

- page 7 -

=====

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: EMILY

Sex: Female
Age: 46Y Est.

Acc. #: 4
Birth: 2.Oct.1964

=====

.....2008....

- 1.May 2.) Freshen edges of wound next week. (MS) (TMD)
- 8.May Persistent pressure sore on left hip. Keepers started SSD as advised two weeks ago.
PE: Sore static.
Freshened skin edges by scraping with #15 blade and cutting away small amounts of fibrous tissue to expose vascularized tissue.
Plan:
1.) Same tropical foot treatment as Ruth if any nailbed issues occur.
2.) Continue flushing and applying topical SSD to hipsore.
3.) Defect may require repeated debridement of inactive tissue. (MS) (TMD)
- 15.May Persistent pressure sore on left hip
PE: Sore slightly smaller.
Plan:
1.) Same topical foot treatment as Ruth if any nailbed issue occur
2.) Continue cleaning and applying topical SSD to hipsore.
3.) Defect may require repeated debridement of inactive tissue. (MS) (TMD)
- 19.May Persistent pressure sore on left hip
PE: Skin edges pink. Small amount of granulation tissue present in center of sore.
Plan:
1.) Same topical foot treatment as Ruth if any nailbed issues occur
2.) Continue cleaning and applying topical SSD to hipsore.
3.) Defect may require repeated debridement of inactive tissue. (MS) (TMD)
- 19.Jun Pressure sore static.
Plan: freshen edges next week. Try stints with protective bandage if no change. (MS) (TMD)
- 26.Jun Pressure sore static. One small area ~1cm in diameter scarred in. Freshened lower edge and upper left edge with #15 scalpel blade.
Plan: Try stints with protective bandage if no change. (MS) (TMD)
- 3.Jul Recheck hip sore: Site is filling in from the right caudoventral aspect with healthy scar tissue. (MS) (TMD)
- 30.Oct Recheck papule on ventral aspect of chin. Hard subcutaneous material palpable where hair was expressed. Does not appear painful. Skin overlying area is normal in appearance.
new approx. 1cm diameter scab cranial to old hip sore. Debrided and cleaned with chlorahex solution. freshened top edge of old hip sore

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

- page 6 -

=====

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: EMILY

Sex: Female
Age: 46Y Est.

Acc. #: 4
Birth: 2.Oct.1964

=====

.....2008....

- 3.Apr involuted.
Plan:
1.) Same topical foot treatment as Ruth if any nailbed issues occur.
2.) DC granulex on hip.
3.) Continue routine cleaning with water and start SSD BID on hip.
4.) Consider freshening edges of wound. (MS) (TMD)
- 4.Apr Purpose/Problem: Apply lightly to face and hip sore after cleansing.
Rx: SULFADIAZINE 1ml topically BID for 30 days. (.000 ml/kg)
Topical treatment: Apply to affected areas.
Rx: SULFADIAZINE 1 ml topically BID for 30 days. (MS)
- 10.Apr Trunk Wash results: Mycobacterium Tuberculosis: negative
One acid fast organism was isolated which was not of the M. TB complex
Persistent pressure sore on left hip. Keepers started SSD as advised last week.
PE: Healthy granulation bed present in center of wound and skin edges look fresh and active.
Plan: 1.) Same topical foot treatment as Ruth if any nailbed issues occur
2.) Continue routine cleaning with water and SSD BID on hip.
3.) Consider freshening edges of wound if progress of healing ceases with SSD trial. (MSS)
- 17.Apr Persistent pressure sore on left hip. Keepers started SSD as advised last week.
PE: Defect appears slightly more shallow than previous. Upper right dermal edge is slightly separated from sore.
Plan: 1.) Same topical foot treatment as Ruth if any nailbed issues occur.
2.) Continue routine cleaning with water and SSD BID on hip.
3.) Consider freshening edges of wound if progress of healing ceases with SSD trial. (MS) (TMD)
- 24.Apr Persistent pressure sore on left hip. Keepers started SSD as advised two weeks ago.
PE: Sore static.
Plan: 1.) Same topical treatment as Ruth if any nailbed issues occur.
2.) Continue routine cleaning with water and SSD BID on hip
3.) Consider freshening edges of wound if progress of healing ceases with SSD trial. (MS) (TMD)
- 1.May Persistent pressure sore on left hip. Keepers started SSD as advised two weeks ago.
PE: sore static
Plan:
1.) Same topical foot treatment as Ruth if any nailbed issues occur.

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BUTTCNWOOD PARK ZOO

- page 5 -

=====

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: EMILY

Sex: Female
Age: 46Y Est.

Acc. #: 4
Birth: 2.Oct.1964

=====

.....2007....

Plan: DC SSD. Continue oil treatments. Monitor. (MS) (TMD)

.....2008....

21.Jan Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN

29.Jan Trunk Wash:

1st trunk wash completed today for TB testing. (MS) (TMD)

30.Jan Trunk Wash:

2nd trunk wash completed today for TB testing. (MS) (TMD)

31.Jan Trunk Wash:

3rd trunk wash completed today for TB testing. Blood also taken for
CBC/Chem and TB serology.

Plan: PE's and vaccines next week. (MS) (TMD)

7.Feb PE: EENT: NSF M/S/I: Pressure sore on left side of hip.

Bloodwork: Persistent elevated amylase. All else NSF.

TB serology negative. Trunk wash pending.

Plan:

1.) Vaccinated with 2 ml Rabies right rear gluteal. 2ml tetanus/E
and W encephalitis right front tricep area. (MS) (TMD)

21.Feb Recheck toes: Toes continue to heal. Cracks on bottoms of feet are
being trimmed out. (MS) (TMD)

6.Mar Recheck toes: Toes continue to heal. Cracks on bottom of feet are
being trimmed out. (MS) (TMD)

11.Mar Purpose/Problem: Pressure sore on left hip

Rx: GRANULEX-V SPRAY mg topically BID for 30 days.

Topical treatment: Apply to pressure sore twice a day after
irrigating with saline

Rx: GRANULEX-V SPRAY mg topically BID for 30 days. (1077A) (MS)

13.Mar Wound on left hip is open. Keepers were applying SSD. OK 30day
trial Granulex. Keepers to keep log of success or failure of
treatment. (MS) (TMD)

20.Mar Wound on left hip is static. 1 week into granulex trial.

Left front digit IV nailbed draining tract.

Plan: Flush with betadine using curved tip syringe SID-BID x 7 days.
(MS) (TMD)

3.Apr Purpose/Problem: Apply lightly to face and hip sore after cleansing.

Rx: SULFADIAZINE 1ml topically BID for 60 days. (.000 ml/kg)

Topical treatment: Apply to affected areas.

Rx: SULFADIAZINE 1 ml topically BID for 60 days. (MS)

Persistent pressure sore on left hip. Wound edges are dry and

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

```
=====
ELEPHAS MAXIMUS (no subsp)      Sex: Female      Acc. #: 4
Asiatic elephant                Age: 46Y Est.    Birth: 2.Oct.1964
Name: EMILY
=====
```

.....2007....

18.Jan Vaccination: RABIES VACCINE (KILLED) 2.0ml IM SID
 ENCEPHALOMYELITIS EWV/TETANUS TOXOI 2.0ml IM SID
 Proc: Routine TB testing, EEE, Rabies
 Restraint: Training
 Instilled 60 ml LRS into trunk, expelled into bag.
 Admin EEE/WEE/Tetanus in Front left
 Admin Rabies in Rear right
 Rx: RABIES VACCINE (KILLED) 2.0 ml IM SID for 1 dose. (12507A)
 Rx: ENCEPHALOMYELITIS EWV/TETANUS TOXOI 2.0 ml IM SID for 1 dose.
 (1683100B) (MM)

9.Feb Purpose/Problem: BROKEN TUSK
 Rx: MICONAZOLE NITRATE 12ml topically BID for 7 days.
 Topical treatment: Apply to urogenital tract
 Keepers report elephant is tail swatting and rubbing urogenital area
 with tail. Urogenital tract red and slightly inflamed, slight d/c
 with yeastlike odor
 Rx: MICONAZOLE NITRATE 12 ml topically BID for 7 days. (CC)

1.Jun Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
 NO PARASITES SEEN

3.Jun Submitted UA/Culture/MIC (Midstream catch) because animal was
 swatting at her vulva.

<<< Urinalysis >>>

Laboratory:	<input checked="" type="checkbox"/> Antech	Sample Accession #:	
	<input type="checkbox"/> Idexx n	Date collected:	6/03/2007
	<input type="checkbox"/> Buttonwood Zoo	Date received:	6/03/2007
	<input type="checkbox"/> In-house	Analysis by:	
Sample collection:		Sample storage:	
	<input type="checkbox"/> floor	<input checked="" type="checkbox"/> room temperature	
	<input checked="" type="checkbox"/> mid-stream	<input type="checkbox"/> refrigerated	
	<input type="checkbox"/> catheter	<input type="checkbox"/> frozen	
	<input type="checkbox"/> cystocentesis		
Color:	Yellow	Appearance:	<input type="checkbox"/> clear
USG:			<input type="checkbox"/> hazy / slightly cloudy
Leukocytes:			<input checked="" type="checkbox"/> cloudy / turbid
Nitrite:		RBC/hpf:	0-3
Urobilinogen:		WBC/hpf:	4-10
Protein:	neg	Bacteria/hpf:	none
pH:	8.0	Casts/lpf:	none
Blood:	neg	Crystals:	none
Ketones:	neg		

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

- page 2 -

=====

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: EMILY

Sex: Female
Age: 46Y Est.

Acc. #: 4
Birth: 2.Oct.1964

=====

.....2006....

- 18.Jan PE: BAR, feet OK, RR 24, temp 99
HR 60, has two chronic pressure sores on L hip and temporal area
AP: chronic pressure sore SS-neg (MCR) (SJC)
- 14.Feb West Nile Virus Titers came back negative 1:20 (SJC)
- 21.Apr Digital radiographs taken of all 4 feet- VD and Lat. (SCM)
- 1.May Joint supplement glycoflex added to feed daily for joint/foot health. (SJC)
- 5.May Keeper reports elephant has superficial laceration (2 1/2") on left hip. (SJC)
- 15.May Superficial wound near left hip-90% healed. No signs of infection.
15.May (SJC)
- 4.Oct Recheck-tail. Continues to heal. There is still a small area of exposed granulation tissue at center tip of tail which is surrounded by a thick scab (MM)
- 12.Oct PROBLEM: BROKEN TUSK (onset)
- 25.Oct History: Broke left tusk on puzzle feeder several days ago.
Observation: tusk fracture up into sulcus, Mild redness around gumline. Pulp does not appear to be exposed.
Plan: Continue twice a day flushes with dilute nolvalsan. (CC)
- 1.Dec PROBLEM: BROKEN TUSK (resolved)

.....2007....

- 9.Jan Weight: 3680 Kg (8113 Lb)
- 16.Jan Proc: Routine TB trunk wash
Instilled 60 ml saline into trunk, expelled into ziplock bag.
Adequate sample obtained. (MM)
- 17.Jan Blood sample: (EDTA) Hematology/Chemistry/Serology results.
WBC:11.60 *10³/UL; HCT: 40.0%; BUN:11 MG/DL;
Hemolysis
Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
Proc: Routine TB trunk wash, Routine physical exam
Restraint: Training
Trunk wash performed first. Blood drawn from left ear vein second.
PE: BAR. Eyes-WNL. Ears-WNL. Nares-Clear. Could not obtain oral exam today. Chest-WNL. Abd-WNL on auscultation. Tail-healing well.
Feet-no current lesions. Body condition-WNL. (MM)
- 8.Jan Purpose/Problem: Routine vaccination.

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Medical History Report - Summary for Individual Specimen
BUTTONWOOD PARK ZOO

- page 1 -

=====

~~ASIAN~~ MAXIMUS (no subsp)
Asiatic elephant
Name: EMILY

=====

Sex: Female
Age: 46Y Est.

Acc. #: 4
Birth: 2.Oct.1964

.....2005....

- 17.Jan PROBLEM: annual examination
tuberculin testing (onset)
Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
Annual PE and 1st trunk wash taken
Blood drawn for CBC and profile (SJC)
- 18.Jan 2nd Trunk Wash (TMD)
- 19.Jan PROBLEM: tuberculin testing (resolved)
3rd Trunk Wash. TB Trunk wash samples sent out to the lab. (SJC)
- 4.Feb PROBLEM: vaccination
Vaccinated for WEE, EEE and Tetanus in right rear leg (SJC)
- 25.Feb Keepers report temporal gland swollen- behaviorally elephant is slow
to respond- rammed exhibit mate. (SJC)
- 29.Oct HX: Keepers report elephant has multiple shallow skin cracks.
PE: BAR, ambulatory, eating and drinking OK, normal stools and
behavior.
Multiple (50-60) full and partial thicknes skin lacerations
"Scratches" from 1/4 to 1" long over L shoulder, flank and neck-
fewer present on right flank. Skin is soft & pliable but dry.
AP: Trauma 2ndary to dry skin and rubbing in stall
Recommend-change in skin care- oiling and d/c soap baths, removing
any sharp edges in stall, furacin topically to scratches and recheck
Wed. during rounds.(MCR) (SJC)
- 30.Oct Blood drawn for CBC and profile (SCM) (SJC)
- 2.Nov Recheck- all scratches healing, Labs WNL (MCR) (SJC)

.....2006....

- 16.Jan PROBLEM: tuberculosis screening
Trunk Wash #1 (MCR) (SJC)
- 17.Jan PROBLEM: tuberculosis screening
Trunk Wash #2
Blood drawn for CBC/ Profile, WNV Titer and Vit E (MCR) (SJC)
- 18.Jan PROBLEM: annual examination
tuberculosis screening
vaccination
Parasitology examination: (ROUTINE EXAMINATION) Fecal sample.
NO PARASITES SEEN
Trunk Wash #3
2cc Rabies IM
2cc EEE/WEE/Tetanus IM

Printed on: 15.Oct.2010

/ISIS/MedARKS/5.54.c

Session: 10-003160 Owner: City Of New Bedford, Buttonwood Park Z

Referral Number:

Animal ID: Ruth #5 **Case #:** TB10-03245 **Sample:** 5, 1/20/2010 **Specimen Type:** Trunk Washings
Species: Elephant, Asian

Mycobacterial Culture Result

No Isolation Made

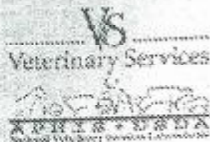
Animal ID: Ruth #5 **Case #:** TB10-03246 **Sample:** 6, 1/21/2010 **Specimen Type:** Trunk Washings
Species: Elephant, Asian

Mycobacterial Culture Result

No Isolation Made

Results authorized by:

Dr. Beth Harris, Head, Mycobacteria and Brucella Section
NVSL MB General Phone: 515-663-7388



National Veterinary Services Laboratories

PO Box 844
Ames, Iowa 50010
Phone: 515-337-7514 Fax: 515-337-7938
FEDERAL RELAY SERVICE (Voice/TTY/ASCII/Spanish) 1-800-877-8339
The USDA is an equal opportunity provider and employer.

FINAL REPORT

Laboratory Test Report

***** This is a confidential report intended for official use only. *****

Owner

City Of New Bedford, Buttonwood Park Zoo
New Bedford, MA

Animal Location

Bristol County MA

Submitter - 3581

Buttonwood Park Zoo
425 Hawthorn St.
New Bedford, MA 02740
FAX# 508-979-1508

Accession Number:

10-003160

NFC Control Number:

19810017341

Date Collected:

01/19/2010

Date Received:

01/22/2010

Date Completed:

03/23/2010

Collected By:

Dr. Michele Sims

Purpose:

Surveillance

Referral/Retain Tag Number:

This is a billable case.

NOTE: Condition of the sample(s) was adequate unless otherwise noted.

Animal ID: Emily #4 **Case #:** TB10-03241 **Sample:** 1, 1/19/2010 **Specimen Type:** Trunk Washings
Species: Elephant, Asian

Mycobacterial Culture Result

No Isolation Made

Animal ID: Emily #4 **Case #:** TB10-03242 **Sample:** 2, 1/20/2010 **Specimen Type:** Trunk Washings
Species: Elephant, Asian

Mycobacterial Culture Result

No Isolation Made

Animal ID: Emily #4 **Case #:** TB10-03243 **Sample:** 3, 1/21/2010 **Specimen Type:** Trunk Washings
Species: Elephant, Asian

Mycobacterial Culture Result

No Isolation Made

Animal ID: Ruth #5 **Case #:** TB10-03244 **Sample:** 4, 1/19/2010 **Specimen Type:** Trunk Washings
Species: Elephant, Asian

Mycobacterial Culture Result

No Isolation Made

Accession No. NYAA78293329	Doctor SIMS	Owner BPZOO	Pet Name EMILY	
Test Requested	Results		Reference Range	Units
Platelet Count	544			10 ³ /uL
Platelet Estimate	Increased			
Differential	Absolute	%		
Neutrophils	2852	23		
Bands	0	0		
Lymphocytes	3224	26		
Monocytes	6324	51		
Eosinophils	0	0		
Basophils	0	0		
Polychromasia	None			
Blood Parasites	None Seen			

ANTECH DIAGNOSTICS

1111 Marcus Avenue Lake Success NY 11042 Phone: 800-872-1001

Buttonwood Park Zoo
 425 Hawthorn St
 New Bedford, MA 02740
 Tel: 508-991-6178 x19
 Fax: 508-979-1508

Client # 140142
 Chart # 4

Accession No. NYAA78283329	Doctor SIMS	Owner BPZOO	Pet Name EMILY	Received 01/17/2010
Species Mammal	Breed	Sex F	Pet Age 46Y	Reported 01/17/2010 06:03 AM

Test Requested	Results	Reference Range	Units
SUPERCHEM			
Total Protein	9.8 (HIGH)	8.0-9.2	g/dL
Albumin	3.3	2.3-3.5	g/dL
Globulin	6.5		g/dL
Albumin/Globulin Ratio	0.5		RATIO
AST (SGOT)	19	7-30	U/L
ALT (SGPT)	4		U/L
Verified by repeat analysis.			
Alkaline Phosphatase	82	60-150	U/L
GGTP	9		U/L
Total Bilirubin	0.3	0.1-0.3	mg/dL
Urea Nitrogen	10	1-12	mg/dL
Creatinine	1.6	1.3-1.8	mg/dL
BUN/Creatinine Ratio	6		RATIO
Phosphorus	5.2 (HIGH)	3.6-4.8	mg/dL
Glucose	78	75-200	mg/dL
Calcium	10.4	10.0-11.0	mg/dL
Magnesium	1.9		mEq/L
Sodium	126 (LOW)	129-136	mEq/L
Potassium	4.5	4.2-5.5	mEq/L
Na/K Ratio	28		
Chloride	85	85-94	mEq/L
Cholesterol	39 (LOW)	41-61	mg/dL
Triglycerides	60		mg/dL
Amylase			U/L
AMY=12,501			
Verified by repeat analysis.			
Lipase	9		U/L
Verified by repeat analysis.			
CPK	163		U/L
COMPLETE BLOOD COUNT			
Hemoglobin	15.7 (HIGH)	10.0-13.0	g/dL
Hematocrit	44.9 (HIGH)	34.0-44.0	%
WBC	12.4	8.0-15.0	10 ³ /uL
RBC	3.53	2.00-4.00	10 ⁶ /uL
MCV	127		fL
MCH	44.5		pg
MCHC	35.0		g/dL

National Veterinary Services Laboratories
 1500 Bayview Road Ames, Iowa 50010
 Phone (515) 643-7265 Fax (515) 643-7397
 Tuberculosis Laboratory Test Report Page 1 of 1
 EMERGENCY RELAY SERVICE (Voice/TTY ASCII/Spanish)
 1-800-877-8389

***** This is a confidential report for official use only. *****
 Accession: 509605 Date Received: 1/20/2009

Establishment No.: VADEN
 DEMEDEROS, TINA M.
 425 HAWTHORN ST.
 NEW BEDFORD, MA 01940
 Fax: 508/7913008

Referral Number:
 Owner: BUTTERNWOOD PARK ZOO/CITY OF NE
 City: NEW BEDFORD
 State: MA

Preservation:

Retain Tag: Species: Elephant

NVSL ID	Case #	Sample ID	Animal ID
2022690	09-3123	1/19/2009	EMILY #4
Mycobacteria Isolation			
Diagnosis: No Isolation Made			
Specimen Submitted			
TRUNK WASH			
2022691	09-3124	1/20/2009	EMILY #4
Mycobacteria Isolation			
Diagnosis: No Isolation Made			
Specimen Submitted			
TRUNK WASH			
2022692	09-3125	1/21/2009	EMILY #4
Mycobacteria Isolation			
Diagnosis: NO Isolation Made			
Specimen Submitted			
TRUNK WASH			

DISTRIBUTION:

Submitted:
 3/24/2009

Approved By: Sulee Robbe-Austerma
 National Veterinary Services Laboratories

ANTECH DIAGNOSTICS

1111 Marcus Avenue Lake Success NY 11042 Phone: 800-872-1001

Buttonwood Park Zoo
425 Hawthorn St
New Bedford, MA 02740
Tel: 508-991-6178 x19
Fax: 508-979-1508

Client # 140142
Chart # 4

Accession No.	Doctor	Owner	Pet Name	Received
NYPA02562672	SIMS	BPZOO	EMILY	01/22/2009
Species	Breed	Sex	Pet Age	Reported
Mammal		F	45Y	01/22/2009 06:54 AM

Test Requested	Results	Reference Range	Units
AMYLASE			
Amylase			U/L
11,452 Verified by repeat analysis.			
LIPASE			
Lipase	7		U/L
Verified by repeat analysis.			