



Memorandum

To: Rick Sun, Los Angeles County Department of Public Works

From: Marcus Sizemore, CDM Smith

Date: August 31, 2015

Subject: Final Daily Biological Monitoring for the Oxford Retention Basin Multi-use Enhancement Project

Introduction

This memorandum summarizes the findings of biological monitoring on August 31, 2015, for the Oxford Retention Basin Multiuse Enhancement project. Information regarding the regulatory drivers and methodology of daily biological monitoring can be found in the Biological Monitoring – Introduction and Methods for Phase 2 Construction Memo, dated June 23, 2015.

Biological monitoring was conducted by Marcus Sizemore, CDM Smith biologist, beginning at 6:00am and ending at 4:00 p.m. The weather forecast showed 0-1% percent chance of rain after 12:00 pm for September 1, 2015. Weather conditions during the day were sunny with high temperatures in the low to upper 70's (°F). No measureable rain was recorded. A breeze of 5-10 mph was also present today.

During the daily monitoring, the biologist observed activities associated with earthwork along Washington Boulevard and Admiralty Way. These included ditch excavation and earth moving. Additionally, a subcontractor was on hand to install rebar along Washington Boulevard in preparation of the footings for the proposed parapet wall. All crews were overseen by the contractor superintendent, Qualified SWPPP Professional, Health & Safety (H&S) Officer, and the Inspector of Record.

The following sections provide the biologist's field log notes, with observations of the day's activities and wildlife presence and behavior.

Biologist's Field Log

CDM Smith Biologist: Marcus Sizemore

Date: August 31, 2015

6:00 am. The biologist arrived at Oxford Basin (site) and prepared and organized field equipment for initial biological survey.

6:15 am. The biologist begins the initial biological survey. The following birds are reported during the initial site assessment:

Three Snowy Egrets and one Great Blue Heron are located within the western side of the Basin. One western gull is also present closer to the tide gate. No additional wildlife was observed at this time.

6:45 am. The Health and Safety officer conducts health and safety training for approximately ten minutes. The biologist then conducts Bio-awareness Training with the 7-person contractor crew (superintendent and six crewmembers). The Qualified SWPPP Professional and the Inspector of Record also attended the training. The soils technician and the H&S officer was also present for the bio-awareness meeting. The biologist goes over what has been observed so far today and noted there were no new nests observed during his initial walk-thru. He reminds the crew to adhere to BMPs to prevent soil erosion into the Basin as well as dust control measures. The contractor crew and others present signed the sign-in sheet indicating they understood and will follow BMPs and wildlife protection measures. The superintendent explains that the planned activities for the day. These include continued earthwork along Washington Boulevard, SECA material removal along Admiralty Way, dewatering of the Basin, and installation of rebar by a subcontractor along Washington Boulevard for the proposed parapet wall.

7:00 am. Work begins along Washington Boulevard with backfilling of the open ditches to bring them up to the proposed grade. Crews along Admiralty Way mobilize and prepare for the removal of SECA material and concrete. The subcontractors arrive to install rebar along Washington Boulevard. There is no wildlife present within any of the work areas.

8:00 am. Five Least Sandpipers are observed feeding in and around puddles remaining within the Basin along the western side of the Basin. Work continues along Washington Boulevard.

9:00 am. Four Snowy Egrets are observed within the eastern side of the Basin. The lane closure begins along Admiralty Way. There is no wildlife present within any of the work areas.

10:00 am. One western gull is observed near the southwest tide gate along the south bank.

10:15 am. Four mourning doves are observed along the South bank near Admiralty Way. One Snowy Egret is seen near the west bank. No other wildlife is present at this time.

10:30 am. One Snowy Egret and one Great Egret is observed near the northwest culvert wall. No other wildlife is present at this time. Work continues along both Washington Boulevard and Admiralty Way.

11:00 am. Work continues along Washington Boulevard and Admiralty Way. No other wildlife is observed within the Basin at this time.

11:30 am. There is no wildlife present within the work areas.

12:00 pm. All crews and the biologist break for lunch.

1:00 pm. Crews return from lunch. Work continues along Washington Boulevard and Admiralty Way. No wildlife is observed within the Basin at this time.

1:30 pm. Work continues along Washington Boulevard and Admiralty Way. There is no wildlife present within the work area.

2:30 pm. No other wildlife is observed within the Basin at this time.

3:00 pm. Crews continue to work along Washington Boulevard on the north side of the Basin. No wildlife is observed within the Basin at this time.

3:30 pm. The crews open up the closed lane along Admiralty Way. No wildlife is observed within the Basin at this time.

4:00 pm. There is no wildlife present within the work areas.

4:30 pm. Earth work crews are finished for the day.

Additional Observations

No black skimmers or California least terns were observed today.

No monarch butterflies were observed today.

No osprey were observed today.

Conclusions

Based on observations made during monitoring, the following conclusions were made:

1. Biological awareness training emphasizes caution to avoid harm to birds and wildlife in and around the Basin during construction activities. In general, wildlife tend to slowly move away from an area when crews approach to conduct work activities. They return to the area once the crews move on. They do not seem disturbed by the construction activities.
2. Wildlife are most active in the morning with a dramatic decrease in observed wildlife activity after 10:00 am.
3. There were no birds present within the active work areas.
4. The number of birds have decreased in recent weeks and may be attributed to a change in water levels.

Table 1 provides a list of bird species observed during biological monitoring on August 31, 2015.

Table 1. Bird Species Observed during Biological Monitoring on August 31, 2015		
Common Name	Scientific Name	Comments
Mallard	<i>Anas platyrhynchos</i>	No individuals observed today
Snowy Egret	<i>Egretta thula</i>	3-6 individuals observed foraging in Basin
Great Egret	<i>Ardea alba</i>	2-3 individuals observed foraging in Basin
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	No individuals observed today
Great blue heron	<i>Ardea Herodias</i>	No individuals observed today
Osprey	<i>Pandion haliaetus</i>	None observed today
Double-crested Cormorant	<i>Phalacrocorax penicillatus</i>	2 individuals observed today
Western Gull	<i>Larus occidentalis</i>	Very common; several flyovers of the Basin
Mourning Dove	<i>Zenaida macroura</i>	Several observed, particularly on power lines in the northern portions of the Basin and resting atop nearby homes.
American Crow	<i>Corvus brachyrhynchos</i>	Very common; several observed in vegetation, on utility poles, on fences, and flying over Basin
Black Phoebe	<i>Sayornis nigricans</i>	2-3 individuals foraging around Basin
House Finch	<i>Haemorhous mexicanus</i>	Very common; several observed in vegetation and on fences throughout the Basin
House Sparrow	<i>Passer domesticus</i>	Very common; Several observed along the north and east banks
Belted Kingfisher	<i>Megaceryle alcyon</i>	No individuals observed today
Least Sandpiper	<i>Calidris minutilla</i>	Five individuals observed today



Memorandum

To: Rick Sun, Los Angeles County Department of Public Works

From: Marcus Sizemore, CDM Smith

Date: September 1, 2015

Subject: Final Daily Biological Monitoring for the Oxford Retention Basin Multi-use Enhancement Project

Introduction

This memorandum summarizes the findings of biological monitoring on September 1, 2015, for the Oxford Retention Basin Multiuse Enhancement project. Information regarding the regulatory drivers and methodology of daily biological monitoring can be found in the Biological Monitoring – Introduction and Methods for Phase 2 Construction Memo, dated June 23, 2015.

Biological monitoring was conducted by Marcus Sizemore, CDM Smith biologist, beginning at 6:00am and ending at 4:00 p.m. The weather forecast showed 0-1% percent chance of rain after 12:00 pm for September 1, 2015. Weather conditions during the day were sunny with high temperatures in the low to upper 70's (°F). No measureable rain was recorded. A breeze of 5-10 mph was also present today.

During the daily monitoring, the biologist observed activities associated with earthwork along Washington Boulevard and Admiralty Way. These included ditch excavation and earth moving. Additionally, a subcontractor was on hand to install rebar along Washington Boulevard in preparation of the footings for the proposed parapet wall. All crews were overseen by the contractor superintendent, Qualified SWPPP Professional, Health & Safety (H&S) Officer, and the Inspector of Record.

The following sections provide the biologist's field log notes, with observations of the day's activities and wildlife presence and behavior.

Biologist's Field Log

CDM Smith Biologist: Marcus Sizemore

Date: September 1, 2015

6:00 am. The biologist arrived at Oxford Basin (site) and prepared and organized field equipment for initial biological survey.

6:15 am. The biologist begins the initial biological survey. The following birds are reported during the initial site assessment:

One Snowy Egret and one Great Blue Heron are located within the western side of the Basin. One western gull is also present closer to the tide gate. A female mallard is feeding within the center of basin in one of the shallow pools. No additional wildlife was observed at this time.

6:45 am. The Health and Safety officer conducts health and safety training for approximately ten minutes. The biologist then conducts Bio-awareness Training with the 7-person contractor crew (superintendent and six crewmembers). The Qualified SWPPP Professional and the Inspector of Record also attended the training along with two subcontractors to work on the rebar. The soils technician and the H&S officer was also present for the bio-awareness meeting. The biologist goes over what has been observed so far today and noted there were no new nests observed during his initial walk-thru. He reminds the crew to adhere to BMPs to prevent soil erosion into the Basin as well as dust control measures. The contractor crew and others present signed the sign-in sheet indicating they understood and will follow BMPs and wildlife protection measures. The superintendent explains that the planned activities for the day. These include continued earthwork along Washington Boulevard, SECA material removal along Admiralty Way, dewatering of the Basin, and installation of rebar by a subcontractor along Washington Boulevard for the proposed parapet wall.

7:00 am. Work begins along Washington Boulevard with backfilling of the open ditches to bring them up to the proposed grade. Crews along Admiralty Way mobilize and prepare for the removal of SECA material and concrete. The subcontractors arrive to install rebar along Washington Boulevard. There is no wildlife present within any of the work areas.

8:00 am. Two doves are present amongst the pickleweed along the South bank. Nearly all surface water has been removed from the Basin. Work continues along Washington Boulevard while workers prepare along Admiralty Way.

9:00 am. There are no birds present within the project area at this time. The lane closure begins along Admiralty Way.

10:00 am. No wildlife is observed within the Basin at this time.

10:30 am. Work continues along both Washington Boulevard and Admiralty Way. No wildlife is observed within the Basin at this time.

11:00 am. Work continues along Washington Boulevard and Admiralty Way. No other wildlife is observed within the Basin at this time.

11:30 am. There is no wildlife present within the work areas.

12:00 pm. All crews and the biologist break for lunch.

1:00 pm. Crews return from lunch. Work continues along Washington Boulevard and Admiralty Way. No wildlife is observed within the Basin at this time.

1:30 pm. Work continues along Washington Boulevard and Admiralty Way. There is no wildlife present within the work area.

2:30 pm. No other wildlife is observed within the Basin at this time.

3:00 pm. Crews continue to work along Washington Boulevard on the north side of the Basin. No wildlife is observed within the Basin at this time.

3:30 pm. The crews open up the closed lane along Admiralty Way. No wildlife is observed within the Basin at this time.

4:00 pm. There is no wildlife present within the work areas.

4:30 pm. Work crews are finished for the day. No additional wildlife seen.

Additional Observations

No black skimmers or California least terns were observed today.

No monarch butterflies were observed today.

No osprey were observed today.

Conclusions

Based on observations made during monitoring, the following conclusions were made:

1. Biological awareness training emphasizes caution to avoid harm to birds and wildlife in and around the Basin during construction activities. In general, wildlife tend to slowly move away from an area when crews approach to conduct work activities. They return to the area once the crews move on. They do not seem disturbed by the construction activities.
2. Wildlife are most active in the morning with a dramatic decrease in observed wildlife activity after 10:00 am.
3. There were no birds present within the active work areas.
4. The number of birds have decreased in recent weeks and may be attributed to a change in water levels.

Table 1 provides a list of bird species observed during biological monitoring on September 1, 2015.

Table 1. Bird Species Observed during Biological Monitoring on September 1, 2015		
Common Name	Scientific Name	Comments
Mallard	<i>Anas platyrhynchos</i>	1 individual observed today
Snowy Egret	<i>Egretta thula</i>	2-3 individuals observed foraging in Basin
Great Egret	<i>Ardea alba</i>	2-3 individuals observed foraging in Basin
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	No individuals observed today
Great blue heron	<i>Ardea Herodias</i>	No individuals observed today
Osprey	<i>Pandion haliaetus</i>	None observed today
Double-crested Cormorant	<i>Phalacrocorax penicillatus</i>	No individuals observed today
Western Gull	<i>Larus occidentalis</i>	Very common; several flyovers of the Basin. One present within the basin
Mourning Dove	<i>Zenaida macroura</i>	Several observed along the south bank and flying overhead around buildings
American Crow	<i>Corvus brachyrhynchos</i>	Very common; several observed in vegetation, on utility poles, on fences, and flying over Basin
Black Phoebe	<i>Sayornis nigricans</i>	No individuals observed today
House Finch	<i>Haemorhous mexicanus</i>	No individuals observed today
House Sparrow	<i>Passer domesticus</i>	No individuals observed today
Belted Kingfisher	<i>Megaceryle alcyon</i>	No individuals observed today
Least Sandpiper	<i>Calidris minutilla</i>	No individuals observed today



Memorandum

To: Rick Sun, Los Angeles County Department of Public Works

From: Marcus Sizemore, CDM Smith

Date: September 2, 2015

Subject: Final Daily Biological Monitoring for the Oxford Retention Basin Multi-use Enhancement Project

Introduction

This memorandum summarizes the findings of biological monitoring on September 2, 2015, for the Oxford Retention Basin Multiuse Enhancement project. Information regarding the regulatory drivers and methodology of daily biological monitoring can be found in the Biological Monitoring – Introduction and Methods for Phase 2 Construction Memo, dated June 23, 2015.

Biological monitoring was conducted by Marcus Sizemore, CDM Smith biologist, beginning at 6:00am and ending at 4:00 p.m. The weather forecast showed 0-1% percent chance of rain after 12:00 pm for September 2, 2015. Weather conditions during the day were sunny with high temperatures in the low to upper 70's (°F). No measureable rain was recorded. A breeze of 5-10 mph was also present today.

During the daily monitoring, the biologist observed activities associated with earthwork along Washington Boulevard and Admiralty Way. These included ditch excavation and earth moving. Additionally, a subcontractor was on hand to install rebar along Washington Boulevard in preparation of the footings for the proposed parapet wall. All crews were overseen by the contractor superintendent, Qualified SWPPP Professional, Health & Safety (H&S) Officer, and the Inspector of Record.

The following sections provide the biologist's field log notes, with observations of the day's activities and wildlife presence and behavior.

Biologist's Field Log

CDM Smith Biologist: Marcus Sizemore

Date: September 2, 2015

6:00 am. The biologist arrived at Oxford Basin (site) and prepared and organized field equipment for initial biological survey.

6:15 am. The biologist begins the initial biological survey. The following birds are reported during the initial site assessment:

Four Snowy Egrets are observed within the western portion of the Basin. A female mallard is observed within the southeastern canal. No additional wildlife was observed at this time.

6:35 am. The Health and Safety officer conducts health and safety training for approximately ten minutes. The biologist then conducts Bio-awareness Training with the 6-person contractor crew (superintendent and five crewmembers). The Qualified SWPPP Professional and the Inspector of Record also attended the training along with two subcontractors to work on the rebar. The soils technician and the H&S officer was also present for the bio-awareness meeting. The biologist goes over what has been observed so far today and noted there were no new nests observed during his initial walk-thru. He reminds the crew to adhere to BMPs to prevent soil erosion into the Basin as well as dust control measures. The contractor crew and others present signed the sign-in sheet indicating they understood and will follow BMPs and wildlife protection measures. The superintendent explains that the planned activities for the day. These include continued earthwork along Washington Boulevard, SECA material removal along Admiralty Way, dewatering of the Basin, and installation of rebar by a subcontractor along Washington Boulevard for the proposed parapet wall.

7:00 am. Work begins along Washington Boulevard with backfilling of the open ditches to bring them up to the proposed grade. Crews along Admiralty Way mobilize and prepare for the removal of SECA material and concrete. The subcontractors arrive to install rebar along Washington Boulevard. There is no wildlife present within any of the work areas.

8:00 am. Work continues along Washington Boulevard while workers prepare along Admiralty Way.

9:00 am. There are no birds present within the project area at this time. The lane closure begins along Admiralty Way.

9:30 am. One western gull is observed within the western portion of the Basin near the tide gate. No other wildlife is seen at this time.

10:00 am. One black phoebe is seen on the southeast canal trash rack. No other wildlife is observed within the Basin at this time.

10:30 am. Work continues along both Washington Boulevard and Admiralty Way. Four Least Sandpipers are observed within the western side of the Basin foraging around the shallow pools.

11:00 am. Work continues along Washington Boulevard and Admiralty Way. No other wildlife is observed within the Basin at this time.

11:30 am. There is no wildlife present within the work areas.

12:00 pm. All crews and the biologist break for lunch.

1:00 pm. Crews return from lunch. Work continues along Washington Boulevard and Admiralty Way. No wildlife is observed within the Basin at this time.

1:30 pm. Work continues along Washington Boulevard and Admiralty Way. There is no wildlife present within the work area.

2:00 pm. Six mourning doves are observed along the south bank. No other wildlife is present at this time.

2:30 pm. No other wildlife is observed within the Basin at this time.

3:00 pm. Crews continue to work along Washington Boulevard on the north side of the Basin. No wildlife is observed within the Basin at this time.

3:30 pm. The crews open up the closed lane along Admiralty Way. No wildlife is observed within the Basin at this time.

4:00 pm. There is no wildlife present within the work areas.

4:30 pm. Work crews are finished for the day. No additional wildlife seen.

Additional Observations

No black skimmers, osprey, or California least terns were observed today.

No monarch butterflies were observed today.

Conclusions

Based on observations made during monitoring, the following conclusions were made:

1. Biological awareness training emphasizes caution to avoid harm to birds and wildlife in and around the Basin during construction activities. In general, wildlife tend to slowly move away from an area when crews approach to conduct work activities. They return to the area once the crews move on. They do not seem disturbed by the construction activities.
2. Wildlife are most active in the morning with a dramatic decrease in observed wildlife activity after 10:00 am.
3. There were no birds present within the active work areas.
4. The number of birds have decreased in recent weeks and may be attributed to a change in water levels.

Table 1 provides a list of bird species observed during biological monitoring on September 2, 2015.

Table 1. Bird Species Observed during Biological Monitoring on September 2, 2015		
Common Name	Scientific Name	Comments
Mallard	<i>Anas platyrhynchos</i>	1 individual observed today
Snowy Egret	<i>Egretta thula</i>	2-3 individuals observed foraging in Basin
Great Egret	<i>Ardea alba</i>	No individuals observed today.
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	No individuals observed today
Great blue heron	<i>Ardea Herodias</i>	No individuals observed today
Osprey	<i>Pandion haliaetus</i>	None observed today
Double-crested Cormorant	<i>Phalacrocorax penicillatus</i>	No individuals observed today
Western Gull	<i>Larus occidentalis</i>	Very common; several flyovers of the Basin. One present within the Basin.
Mourning Dove	<i>Zenaida macroura</i>	Several observed along the south bank and flying overhead around buildings
American Crow	<i>Corvus brachyrhynchos</i>	Very common; several observed in vegetation, on utility poles, on fences, and flying over Basin
Black Phoebe	<i>Sayornis nigricans</i>	One individual observed today
House Finch	<i>Haemorhous mexicanus</i>	No individuals observed today
House Sparrow	<i>Passer domesticus</i>	No individuals observed today
Belted Kingfisher	<i>Megaceryle alcyon</i>	No individuals observed today
Least Sandpiper	<i>Calidris minutilla</i>	Four individuals observed today



Memorandum

To: Rick Sun, Los Angeles County Department of Public Works

From: Marcus Sizemore, CDM Smith

Date: September 3, 2015

Subject: Final Daily Biological Monitoring for the Oxford Retention Basin Multi-use Enhancement Project

Introduction

This memorandum summarizes the findings of biological monitoring on September 3, 2015, for the Oxford Retention Basin Multiuse Enhancement project. Information regarding the regulatory drivers and methodology of daily biological monitoring can be found in the Biological Monitoring – Introduction and Methods for Phase 2 Construction Memo, dated June 23, 2015.

Biological monitoring was conducted by Marcus Sizemore, CDM Smith biologist, beginning at 6:00am and ending at 4:00 p.m. The weather forecast showed 0-1% percent chance of rain after 12:00 pm for September 3, 2015. Weather conditions during the day were sunny with high temperatures in the low to upper 70's (°F). No measureable rain was recorded. A breeze of 5-10 mph was also present today.

During the daily monitoring, the biologist observed activities associated with earthwork along Washington Boulevard and Admiralty Way. These included ditch excavation and earth moving. Earthwork within the Basin was also started to accelerate drying of the material within the Basin. Additionally, a subcontractor was on hand to install rebar along Washington Boulevard in preparation of the footings for the proposed parapet wall. All crews were overseen by the contractor superintendent, Qualified SWPPP Professional, Health & Safety (H&S) Officer, and the Inspector of Record.

The following sections provide the biologist's field log notes, with observations of the day's activities and wildlife presence and behavior.

Biologist's Field Log

CDM Smith Biologist: Marcus Sizemore

Date: September 3, 2015

6:00 am. The biologist arrived at Oxford Basin (site) and prepared and organized field equipment for initial biological survey.

6:15 am. The biologist begins the initial biological survey. The following birds are reported during the initial site assessment:

Three snowy egrets are observed within the western portion of the Basin. No additional wildlife was observed at this time.

6:45 am. The Health and Safety officer conducts health and safety training for approximately ten minutes. The biologist then conducts Bio-awareness Training with the 6-person contractor crew (superintendent and five crewmembers). The Qualified SWPPP Professional and the Inspector of Record also attended the training along with two subcontractors to work on the rebar. The soils technician and the H&S officer was also present for the bio-awareness meeting. The biologist goes over what has been observed so far today and noted there were no new nests observed during his initial walk-thru. He reminds the crew to adhere to BMPs to prevent soil erosion into the Basin as well as dust control measures. The contractor crew and others present signed the sign-in sheet indicating they understood and will follow BMPs and wildlife protection measures. The superintendent explains that the planned activities for the day. These include continued earthwork along Washington Boulevard, SECA material removal along Admiralty Way, earthwork within the Basin, and installation of rebar by a subcontractor along Washington Boulevard for the proposed parapet wall.

7:00 am. Work begins along Admiralty Way as crews mobilize and prepare for the removal of SECA material and concrete. One Snowy Egret is observed near the northwest culvert. The subcontractors arrive to install rebar along Washington Boulevard. There is no wildlife present within any of the work areas.

7:30 am. One western gull and one great egret are observed near the southwest tide gate. Two track hoes are present within the Basin and begin earthwork operations. There is no wildlife present within any of the work areas.

8:00 am. Work continues along Washington Boulevard while workers prepare along Admiralty Way. The fire department arrives on site due to a reported gas leak. The gas company verifies that there is no gas line within any of the construction areas. Work continues after a brief delay.

9:00 am. There are no birds present within the project area at this time. The lane closure begins along Admiralty Way.

9:30 am. No wildlife is seen at this time.

10:00 am. Work continues within the Basin, along Admiralty Way and Washington Boulevard. No wildlife is observed within the Basin at this time.

10:30 am. Work continues along both Washington Boulevard and Admiralty Way. There is one track hoe within the Basin.

11:00 am. Work continues along Washington Boulevard and Admiralty Way. The track hoe that was within the Basin is now assisting with work along Washington Boulevard. No other wildlife is observed within the Basin at this time.

11:30 am. There is no wildlife present within the work areas.

12:00 pm. All crews and the biologist break for lunch.

1:00 pm. Crews return from lunch. Work continues along Washington Boulevard and Admiralty Way. No wildlife is observed within the Basin at this time.

1:30 pm. Work continues along Washington Boulevard and Admiralty Way. There is no wildlife present within the work area.

2:00 pm. Four mourning doves are observed along the south bank. No other wildlife is present at this time.

2:30 pm. No other wildlife is observed within the Basin at this time.

3:00 pm. Crews continue to work along Washington Boulevard on the north side of the Basin. No wildlife is observed within the Basin at this time.

3:30 pm. The crews open up the closed lane along Admiralty Way. The trackhoe that was along Admiralty Way has now entered the Basin to continue earthwork activities. No wildlife is observed within the Basin at this time.

4:00 pm. There is no wildlife present within the work areas.

4:30 pm. Work crews are finished for the day. No additional wildlife seen.

Additional Observations

No black skimmers or California least terns were observed today.

No monarch butterflies were observed today.

No osprey were observed today.

Conclusions

Based on observations made during monitoring, the following conclusions were made:

1. Biological awareness training emphasizes caution to avoid harm to birds and wildlife in and around the Basin during construction activities. In general, wildlife tend to slowly move away from an area when crews approach to conduct work activities. They return to the area once the crews move on. They do not seem disturbed by the construction activities.

2. Wildlife are most active in the morning with a dramatic decrease in observed wildlife activity after 9:00 am.
3. There were no birds present within the active work areas.
4. The number of birds have decreased in recent weeks and may be attributed to a change in water levels.

Table 1 provides a list of bird species observed during biological monitoring on September 3, 2015.

Table 1. Bird Species Observed during Biological Monitoring on September 3, 2015		
Common Name	Scientific Name	Comments
Mallard	<i>Anas platyrhynchos</i>	No individuals observed today
Snowy Egret	<i>Egretta thula</i>	3-4 individuals observed foraging in Basin
Great Egret	<i>Ardea alba</i>	No individuals observed today.
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	No individuals observed today
Great blue heron	<i>Ardea Herodias</i>	No individuals observed today
Osprey	<i>Pandion haliaetus</i>	No individuals observed today
Double-crested Cormorant	<i>Phalacrocorax penicillatus</i>	No individuals observed today
Western Gull	<i>Larus occidentalis</i>	Very common; several flyovers of the Basin. One present within the Basin.
Mourning Dove	<i>Zenaida macroura</i>	Several observed along the south bank and flying overhead around buildings
American Crow	<i>Corvus brachyrhynchos</i>	Very common; several observed in vegetation, on utility poles, on fences, and flying over Basin
Black Phoebe	<i>Sayornis nigricans</i>	No individuals observed today
House Finch	<i>Haemorhous mexicanus</i>	No individuals observed today
House Sparrow	<i>Passer domesticus</i>	No individuals observed today
Belted Kingfisher	<i>Megaceryle alcyon</i>	No individuals observed today
Least Sandpiper	<i>Calidris minutilla</i>	No individuals observed today



Memorandum

To: Rick Sun, Los Angeles County Department of Public Works

From: Marcus Sizemore, CDM Smith

Date: September 4, 2015

Subject: Final Daily Biological Monitoring for the Oxford Retention Basin Multi-use Enhancement Project

Introduction

This memorandum summarizes the findings of biological monitoring on September 4, 2015, for the Oxford Retention Basin Multiuse Enhancement project. Information regarding the regulatory drivers and methodology of daily biological monitoring can be found in the Biological Monitoring – Introduction and Methods for Phase 2 Construction Memo, dated June 23, 2015.

Biological monitoring was conducted by Marcus Sizemore, CDM Smith biologist, beginning at 6:00am and ending at 4:00 p.m. The weather forecast showed 0-1% percent chance of rain after 12:00 pm for September 4, 2015. Weather conditions during the day were sunny with high temperatures in the low to upper 70's (°F). No measureable rain was recorded. A breeze of 5-10 mph was also present today.

During the daily monitoring, the biologist observed activities associated with earthwork along Washington Boulevard and within Oxford Basin. These included ditch excavation and earth moving. Earthwork within the Basin was also started to accelerate drying of the material within the Basin. Additionally, a subcontractor was on hand to install rebar along Washington Boulevard in preparation of the footings for the proposed parapet wall. All crews were overseen by the contractor superintendent, Qualified SWPPP Professional, Health & Safety (H&S) Officer, and the Inspector of Record.

The following sections provide the biologist's field log notes, with observations of the day's activities and wildlife presence and behavior.

Biologist's Field Log

CDM Smith Biologist: Marcus Sizemore

Date: September 4, 2015

6:00 am. The biologist arrived at Oxford Basin (site) and prepared and organized field equipment for initial biological survey.

6:15 am. The biologist begins the initial biological survey. The following birds are reported during the initial site assessment:

Four Snowy Egrets are observed within the western portion of the Basin. One western gull is also present near the southwest tide gate. Approximately five Least Sandpipers are present within shallow pools near the eastern side of the Basin. No additional wildlife was observed at this time.

6:45 am. The Health and Safety officer conducts health and safety training for approximately ten minutes. The biologist then conducts Bio-awareness Training with the 6-person contractor crew (superintendent and five crewmembers). The Qualified SWPPP Professional and the Inspector of Record also attended the training along with two subcontractors to work on the rebar. The soils technician and the H&S officer was also present for the bio-awareness meeting. The biologist goes over what has been observed so far today and noted there were no new nests observed during his initial walk-thru. He reminds the crew to adhere to BMPs to prevent soil erosion into the Basin as well as dust control measures. The contractor crew and others present signed the sign-in sheet indicating they understood and will follow BMPs and wildlife protection measures. The superintendent explains the planned activities for the day. These include continued earthwork along Washington Boulevard, earthwork within the Basin, and installation of rebar by a subcontractor along Washington Boulevard for the proposed parapet wall. There will be no SECA material removed (or lane closures) today.

7:00 am. Work begins within the Basin as two track hoes begin to remove material from the middle of the Basin and begin to push it to the outer edges of the Basin in an effort to dry it out. Two Snowy Egrets and one western gull are observed near the southwest tide gate. The subcontractors begin to install rebar along Washington Boulevard. There is no wildlife present within any of the work areas.

7:30 am. The two track hoes present within the Basin continue earthwork operations. There is no wildlife present within any of the work areas.

8:00 am. Work continues along Washington Boulevard while the track hoes continue working within the Basin. There is no wildlife present within any of the work areas.

9:00 am. There are no birds present within the project area at this time.

9:30 am. No wildlife is seen at this time.

10:00 am. Work continues within the Basin and along Washington Boulevard. No wildlife is observed within the Basin at this time.

10:30 am. Work continues within the Basin and along Washington Boulevard. No wildlife is observed within the Basin at this time.

11:00 am. Work continues within the Basin and along Washington Boulevard. No wildlife is

observed within the Basin at this time.

11:30 am. There is no wildlife present within the work areas.

12:00 pm. All crews and the biologist break for lunch.

1:00 pm. Crews return from lunch. Work continues along Washington Boulevard and within the Basin. No wildlife is observed within the Basin at this time.

1:30 pm. Work continues along Washington Boulevard and within the Basin. There is no wildlife present within the work area.

2:00 pm. Work continues along Washington Boulevard and within the Basin. No wildlife is observed within the Basin at this time

2:30 pm. No other wildlife is observed within the Basin at this time.

3:00 pm. Crews continue to work along Washington Boulevard on the north side of the Basin. No wildlife is observed within the Basin at this time.

3:30 pm. Work continues along Washington Boulevard. The track hoe operators move their equipment out of the Basin and appear to be finished for the day. No wildlife is observed within the Basin at this time.

4:00 pm. There is no wildlife present within the work area.

4:30 pm. Work crews are finished for the day. No additional wildlife seen.

Additional Observations

No black skimmers or California least terns were observed today.

No monarch butterflies were observed today.

No osprey were observed today.

Conclusions

Based on observations made during monitoring, the following conclusions were made:

1. Biological awareness training emphasizes caution to avoid harm to birds and wildlife in and around the Basin during construction activities. In general, wildlife tend to slowly move away from an area when crews approach to conduct work activities. They return to the area once the crews move on. They do not seem disturbed by the construction activities.
2. Wildlife are most active in the morning with a dramatic decrease in observed wildlife activity

after 9:00 am.

3. There were no birds present within the active work areas.
4. The number of birds have decreased in recent weeks and may be attributed to a change in water levels.

Table 1 provides a list of bird species observed during biological monitoring on September 4, 2015.

Table 1. Bird Species Observed during Biological Monitoring on September 4, 2015		
Common Name	Scientific Name	Comments
Mallard	<i>Anas platyrhynchos</i>	No individuals observed today
Snowy Egret	<i>Egretta thula</i>	3-4 individuals observed foraging in Basin
Great Egret	<i>Ardea alba</i>	No individuals observed today.
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	No individuals observed today
Great blue heron	<i>Ardea Herodias</i>	No individuals observed today
Osprey	<i>Pandion haliaetus</i>	No individuals observed today
Double-crested Cormorant	<i>Phalacrocorax penicillatus</i>	No individuals observed today
Western Gull	<i>Larus occidentalis</i>	Very common; several flyovers of the Basin. One present within the Basin throughout the day.
Mourning Dove	<i>Zenaida macroura</i>	Several observed along the south bank and flying overhead around buildings
American Crow	<i>Corvus brachyrhynchos</i>	Very common; several observed in vegetation, on utility poles, on fences, and flying over Basin
Black Phoebe	<i>Sayornis nigricans</i>	No individuals observed today
House Finch	<i>Haemorhous mexicanus</i>	No individuals observed today
House Sparrow	<i>Passer domesticus</i>	No individuals observed today
Belted Kingfisher	<i>Megaceryle alcyon</i>	No individuals observed today
Least Sandpiper	<i>Calidris minutilla</i>	4-6 individuals observed today



Memorandum

To: Rick Sun, Los Angeles County Department of Public Works

From: Marcus Sizemore, CDM Smith

Date: September 5, 2015

Subject: Final Daily Biological Monitoring for the Oxford Retention Basin Multi-use Enhancement Project

Introduction

This memorandum summarizes the findings of biological monitoring on September 5, 2015, for the Oxford Retention Basin Multiuse Enhancement project. Information regarding the regulatory drivers and methodology of daily biological monitoring can be found in the Biological Monitoring – Introduction and Methods for Phase 2 Construction Memo, dated June 23, 2015.

Biological monitoring was conducted by Marcus Sizemore, CDM Smith biologist, beginning at 7:00am and ending at 5:00 p.m. The weather forecast showed 0-1% percent chance of rain after 12:00 pm for September 5, 2015. Weather conditions during the day were sunny with high temperatures in the low to upper 70's (°F). No measureable rain was recorded. A breeze of 5-10 mph was also present today.

During the daily monitoring, the biologist observed activities associated with earthwork along Washington Boulevard and within Oxford Basin. These included ditch excavation and earth moving. Earthwork within the Basin is to accelerate drying of the material within the Basin. Additionally, a subcontractor was on hand to install rebar along Washington Boulevard in preparation of the footings for the proposed parapet wall. All crews were overseen by the contractor superintendent, Qualified SWPPP Professional, and the Inspector of Record.

The following sections provide the biologist's field log notes, with observations of the day's activities and wildlife presence and behavior.

Biologist's Field Log

CDM Smith Biologist: Marcus Sizemore

Date: September 5, 2015

7:00 am. The biologist arrived at Oxford Basin (site) and prepared and organized field equipment for initial biological survey.

7:15 am. The biologist begins the initial biological survey. The following birds are reported during the initial site assessment:

Four Snowy Egrets are observed within the western portion of the Basin. One western gull is also present near the southwest tide gate. Approximately five Least Sandpipers are present within shallow pools near the eastern side of the Basin. No additional wildlife was observed at this time.

7:45 am. The biologist then conducts Bio-awareness Training with the 9-person contractor crew (superintendent and eight crewmembers). The Qualified SWPPP Professional and the Inspector of Record also attended the training along with two subcontractors to work on the rebar. The biologist goes over what has been observed so far today and noted there were no new nests observed during his initial walk-thru. He reminds the crew to adhere to BMPs to prevent soil erosion into the Basin as well as dust control measures. The contractor crew and others present signed the sign-in sheet indicating they understood and will follow BMPs and wildlife protection measures. The superintendent explains the planned activities for the day. These include continued earthwork along Washington Boulevard, earthwork within the Basin, and installation of rebar by a subcontractor along Washington Boulevard for the proposed parapet wall. There will be no SECA material removed (or lane closures) today.

8:00 am. Work begins within the Basin as two track hoes begin to remove material from the middle of the Basin and begin to push it to the outer edges of the Basin in an effort to dry it out. Two Snowy Egrets and one western gull are observed near the southwest tide gate. The subcontractors begin to install rebar along Washington Boulevard. There is no wildlife present within any of the work areas.

8:15 am. Work continues along Washington Boulevard while the track hoes continue working within the Basin. There is no wildlife present within any of the work areas.

9:00 am. There are no birds present within the project area at this time.

9:30 am. No wildlife is seen at this time.

10:00 am. Work continues within the Basin and along Washington Boulevard. No wildlife is observed within the Basin at this time.

10:30 am. Work continues within the Basin and along Washington Boulevard. No wildlife is observed within the Basin at this time.

11:00 am. Work continues within the Basin and along Washington Boulevard. No wildlife is observed within the Basin at this time.

11:30 am. There is no wildlife present within any of the work areas.

12:00 pm. All crews and the biologist break for lunch.

1:00 pm. Crews return from lunch. Work continues along Washington Boulevard and within the Basin. No wildlife is observed within the Basin at this time.

1:30 pm. Work continues along Washington Boulevard and within the Basin. There is no wildlife present within the work area.

2:00 pm. Work continues along Washington Boulevard and within the Basin. No wildlife is observed within the Basin at this time

2:30 pm. Several mourning doves are seen along the south bank. No other wildlife is observed within the Basin at this time.

3:00 pm. Crews continue to work along Washington Boulevard on the north side of the Basin. No wildlife is observed within the Basin at this time.

4:00 pm. There is no wildlife present within the work area.

4:30 pm. Work continues along Washington Boulevard. The track hoe operators move their equipment out of the Basin and appear to be finished for the day. No wildlife is observed within the Basin at this time.

5:00 pm. Work crews are finished for the day. No additional wildlife seen.

Additional Observations

No black skimmers, osprey, or California least terns were observed today.

No monarch butterflies were observed today.

Conclusions

Based on observations made during monitoring, the following conclusions were made:

1. Biological awareness training emphasizes caution to avoid harm to birds and wildlife in and around the Basin during construction activities. In general, wildlife tend to slowly move away from an area when crews approach to conduct work activities. They return to the area once the crews move on. They do not seem disturbed by the construction activities.
2. Wildlife are most active in the morning with a dramatic decrease in observed wildlife activity after 9:00 am.
3. There were no birds present within the active work areas.
4. The number of birds have decreased in recent weeks and may be attributed to a change in water levels.

Table 1 provides a list of bird species observed during biological monitoring on September 5, 2015.

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Great blue heron	<i>Ardea Herodias</i>	No individuals observed today
Osprey	<i>Pandion haliaetus</i>	No individuals observed today
Double-crested Cormorant	<i>Phalacrocorax penicillatus</i>	No individuals observed today
Western Gull	<i>Larus occidentalis</i>	Very common; several flyovers of the Basin. One present within the Basin throughout the day.
Mourning Dove	<i>Zenaida macroura</i>	Several observed along the south bank and flying overhead around buildings.
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House Finch	<i>Haemorhous mexicanus</i>	No individuals observed today
House Sparrow	<i>Passer domesticus</i>	No individuals observed today
Belted Kingfisher	<i>Megaceryle alcyon</i>	No individuals observed today
Least Sandpiper	<i>Calidris minutilla</i>	No individuals observed today